



Johannes Moyle Sen.



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File

**Chyrurgic Memoirs:**  
BEING AN  
**ACCOUNT**  
Of many Extraordinary  
**CURES**  
WHICH

Occurred in the Series of the Author's  
Practice, especially at SEA, when im-  
ploy'd in the Governments Service.

Among which are some things of the  
greatest Importance, not formerly disco-  
vered, very useful to be known in the  
Art of CHYRURGERY.

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By **JOHN MOILE**, Sen.  
One of Her. MAJESTIES Antient  
Navy Chyrurgions.

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T O  
His Royal Highness  
PRINCE GEORGE  
O F  
DENMARK,

Generalissimo of Her Majesties  
Forces by Land and Sea, Lord High  
Admiral of *Great Britain*, &c.

T H E S E  
Chyrurgic Memoirs

Are most Humbly Dedicated,  
As is the Authors Bounden Duty.

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One of Her Majesty's An.  
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THE  
PREFACE.

Kind Reader,

**I** Here commend to your serious Consideration, this Compendious Enchiridium, being variety of the most important things of Chyrurgery, which I Noted down in my Memorandum Journal, as they happened in the Series of my Practice, whither by Sea or Land, especially at what time I had the Honour of being Surgeon actually in the Governments Service. Then I intended 'em for my own Private use, and not for the Press. But now being grown Aged, and exempted from the Sea, and enjoying the Benefit of the Establishment, concerning Antient Sea Officers, I have hereby taken care that my Talent extinguish not with me, but Survive for the use of Mankind to future Ages: and more especially for the Benefit of Her Majesties wounded Soldiers and Seamen, and (consequently) for the use of Chyrurgeons, who have the care of them, with whom (I may reasonably hope) this Book will find acceptance, as my Chyrurgus Marinus doth, which I writ some time ago.

This (I hope) will shew you the Practical Part of Chyrurgery Pithily. And wherein through  
unad-

## The Preface.

unadvisedness I made any false Steps, I have here ingeniously shewed them as Phari to caution you, I have taken care that no considerable Mistakes stain this Work, and if any lesser Errors have escaped either me or the Press, your Candour can remit them. I expect not to escape the Censure of some, (for 'tis impossible to please all) but since few Authors do evade it, I have the less Solitude, as long as the more Ingenious approve of it, I acquiesce. I know my self subject to Lapses, but ask the Sun if in his incessant Travel, he ever seeth the Man without Faults? Happiest is he that hath fewest Faults, for there are none but have some. Let not my Impolite Stile disgust, if here or there you meet with an Obsolete Word or Uncouth Expression, 'tis my rural Phrase or Marine Idiom, let your more Sublime generosity, impute that to my less exornate Dialect, let your Eye be upon the Matter of Fact, which I can without Vanity, assert to be sound Practical Chyrurgery. Now I earnestly wish that this Treatise of my writing may do good, much more then equivalent to what my self in Person, either did or could do, when Duty Obliged me to use my utmost Skill. (Vide Pag. 75.)

John Moyle.

Westminster, July  
the 18, 1707.

T H E



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MORLE's

## Chyrurgic Memoirs.

### MEMOIR I.

**I** Begin my Memoirs (*Ordinis Causa*) with a contused Wound of the Head, and a large Fracture in *Cranio*, also Laxion of the *Crassa Meninx*.

A Mariner, aged about 34 Years, hap-  
ned by a Violent Stroke with an Iron  
Crow (in Boarding of the Enemy) to re-  
ceive a considerable Wound on the *Meso-*  
*craneum*, with a large Fracture in the Skull,  
and a Laxure of the *Dura Meninx*. The  
Fracture was perfectly felt with the Hand,  
through the Wound; it was about two  
Inches long, and considerably wide.  
There was Bleeding at the Ears, Eyes,  
Nose and Mouth, with great Astonish-  
ment and Languor; sensible Signs of a  
B Collision

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Collision of the Brain, or a Læſion of the Meninges. The Man had a Cordial given him, but Vomited it up again——. He was had down to be dress'd; and venæ Section was immediately celebrated to prevent the Blood's Coagulating, and induce its more free Circulation, which gave something of Relief; his Head was forthwith shav'd with a Capital Razor, when the Hair had been first moistned toward the Roots with Oyl-Olive.

Then decussate Secation was made with an Incision-knife, sufficiently large and the *Cutis Pilosa*, *Membrana Carnosa* & *Pericranium*, were seperated from the Skull, and the *Mucronata* of the Incisure (which had their Center in the Wound) were clipp'd off with Probe-Scissars, to make the better way for the Operations which were to follow.

There were two large Segments of the Bone beaten in, which lacerated the Crasſior Tunicle. These were instantly extracted with Forceps; then the Fractured *Chasma* appear'd vastly large and salebrous about the *Corona Fractura*.

The *Sanguinis Missio* in the *Cutulus*, had by Revulsion obſisted (in some measure) the Bleeding of the Head; and now the grumous Blood, that was lodg'd in the  
Capacity



Capacity of the *Cranium*, oppressing the Meninges, was absterged with a *Lintecolum*, and with Lint on the end of a Probe, and then the Tunicle was wash'd with this of the Antients, warm'd. *R. Spt. vin. ʒiij. Syr. Ros. Sicc. ʒi. misce. f. Emmaton.*

Then as well to focillate the Brain, as to absorb any sanguinous Humor that might remain extravasated, a Flannel Stupe, express'd out of warm *Vin. Rub.* was applied. After this, a Sindon was form'd Adequate to the Fracture, and being dipt in this *Meningic Enchrusta* of our *Majores*, it was applied. *R. Ol. Ros. Rub. ʒii. Resin. Abiet. ʒii. misce.* Its Edges were placed smoothly under the *Corona Fractura* with a Lenticuler. This was to digest and heal the vulnerate Membrane, and also to suppress the Tumid Tunicle from extuberating; and over this was a Dossel of dry Lint applied in the *Chasma*, and Pledgets of the same over the Denude-bone; to the end that no Gleet from the *Labia vulneris* should insinuate into the *Chasma*, nor yet Contaminate the Skull; as also to defend from the piercing Air, that would soon alter the Bone from its natural Colour to a labascous Hue.

Then to the *Labia vulneris* was applied on Dossels this approved Digestive follow-

ing: *R. Tereb. ven. ʒiij. Vitell. unius Ovi. Farin. Hord. ʒvj. Pulv. Thur. ʒij. misce. f. Bals.* When the Dossels were armed with it, then they were dipped in warm *Ol. Catallorum*, and so imposed. Then the Head-frons, Temples and Neck, were embrocated with the following lenient Embroche of the *Seniores*: *R. Ol. Ros. acet. vin. alb. Ovi. ana misce.* This was to repel the flowing of Humors, and temperate their Fervor.

Then the great Discussive Cataplasma of *Hypocrates* was prepared. *R. Farin. Hord. ʒviij. Ol. Rosar. ʒiiij. Pulv. flor. Ros. Rub. ʒvj. Balaust. Bacc. Myrtill. ana. ʒij. in acet. vin. q. s. decoct. ad consistant. Cataplasmatis.* It was spread thick on a double *Linteum*, and laid on; all over the confused Head.

Then a folded Cloth was wrapped over it, and Cancer-bandage was made. And now the Man being a little come to himself, a Cup of warm *Cervisia Prussia*, cum *Sperma-Cæti. ʒi.* mixed in it, was given him to drink, in order to dissolve congealed Blood: and so the Man was put to his Cabbin to rest.

I should have dressed the Man's Head before venæ Section, had not the Cause seemed indispenfibly to require the latter first; but being in a Quandary, I (*absque ordine*)



*ordine*) made Phlebotomy first: but it proved not to disadvantage; not only because it stifted the Bleeding at the Wound, so that I had opportunity to extract the Shivers of Bones at this time, but likewise it permitted me to apply my Digestive; which a restingent Dressing would have hinder'd, and something retarded the Cure. But in all Cases that will admit thereof, without danger, Phlebotomy may be omitted until after Dressing; and then too, if the Patient hath lost too much Blood already at the Wound.

His Diet, as to Drink, was the Universal *Ptyfan*, *ex Hord Gallic*, &c. And his other Aliment was *Pulmenta*, *Panada*, *Iuscula tenuis*, &c. which is most proper for wounded Patients by Sea or Land.

The Man had a temperate Cordial *Julep* given him between whiles, and *Enemas* as occasion required; and to prevent a Fever (because he seem'd something restless, and was Plethoric withal) I made *venæ Section* again the next day.

This first Dressing remain'd on 48 Hours; and when taken off, it was dress'd again after the same manner, only there was an addition of the vulnerary Herbs infus'd in the *Fotus*, as, *Summit. Centaur. Betonic. Hyperic. Panax. Colon Flor. Anthos. Stachad.* &c.

This second Dressing continu'd on 24 Hours, at what time being taken off, laudable Digestion was perceiv'd both in the Wound and Meninges, and the Contusion somewhat detumid. However, to perfect Digestion, I dress'd it the third time, after the same manner; only I added a Compress on the digestive Dossels and Cataplasma, to subject the Extuberating of the Membrane as a *Fungus*, and made the Bandage over as before.

The next day, when I dress'd it, I found it sufficiently digested, and the Contusion wholly discuss'd. So that now I left off the *Cataplasma*, and discontinued the repellent Embroche, and dress'd it as follows.

First I wash'd the Membrane with warm *Spt vini. & Mel. Ros. misce.* in order to deterge, and yet not altogether omit digesting, I dipt the Sindon in an *Encbrista* of *Ol. Ros. & Resin. abiet.* but less of the *Olei*, and more of the *Resinae*. This was in order to incarn, more than digest: For it is not reasonable to continue Digestion too far, lest thereby the part should relax.

On this I applied, in the *Hiatus*, a Dossel of dry Lint, and Pledgets of the same, about the Margin of the Bone, as far as it was bare, in order to imbibe the Humidity, that would foul the Bone, (for it looked fresh as yet.)  
The

The Chyrurgeon has no more to do (as to the Bone it self) than to keep it dry, that Gleet may not Caries it; and warm from the Air, that Cold may not alter it: it is Nature's part to do the rest. Over these Pledgets I applied to the *Labia Vulneris*, Dossels with this Balsam following of the Antients: *R. Tereb. Scio. ʒi. Ol. Ros. ʒiij. mel. Ros. & Spt. vini ana. ʒiij. Granor. Alcherm. ʒss. Pulv. Cem. Hyperic. ʒij. misce. Decoct. ad Consump. vini. tum add, Pulv. Aloæ. ʒi. Croc. ʒi. f. Balsam.* This both mundifies and incarns, and also digests as far as necessary; and may be applied to the *Meninges*, as well as to the *Labia Vulneris*, (and it never hurts the Bone.) This done, I embrocated the Head with *Ol. Chamo. & Rosar misce* and applied *Emplasterum Betonic* instead of the *Cataplasma*, all over the Head; then the Compress over the Space of the *Chasma*; but the other *Forinfecus* were the same as before.

The next Dressing after this, I dressed the Membrane with this Meningie *Enchrysta*. *R. mel. Ros. Spt. vini. ana. Cum Resin. abiet. Parum. misce.* This was to Sarcotise the more, being it was mundified kindly already with that *Emmaton* of the two Ingredients recited above. I dipt the

Sindon therein, and so applied it ; but the Topicks were the same as before. Thus I continued Dressing daily for about 14 days ; which, together with those from the first, made 30 days : All which time every thing look'd well, and now I began to think of Exfoliation.

Howbeit, I could not expect reasonably that the Bone would scale in less than five or six Weeks time, which usually is the soonest that the Bone exfoliates in young persons, ( for in aged it is commonly longer, ) and that according to the Habit of Body too.

So in order now to accelerate the Exfoliation, I made up my Ossific Tincture ; which was this : *R. Spt. vini. ℥iij. Pulv. Iriof. florent. aristoloch. Rotund. Myrrh. Elect. ana. ʒij. Aloæ. Succatrin. ʒi. misce. dissol. ad ignem agitat. Sidet. decant. servit. ad usum.* I now not only washed the Bone herewith, but dipt my Lint herein, and after dried it, then teazed it, soft as Cotton : And being thus medicated, I made Pledgets and Dossels of it, which I applied to the Bone, in and about the Corona of the Fracture : This, by its heat and dryness, provokes the Bone to scale the sooner. Howbeit, I have often used dry Tow with good success ; for by its natural Siccity, and



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and competent Callidity, it contributes as well to the intention. But Nature hath its time to cast off the dead Parts from the living; and the Bone (as I told you before) wants only to be preserv'd from corrupt Gleet and cold Air; which I always took care of in the Dressing of it. The Meninx was now well, and ciccatrized, so that it needed no more Balsam; only the Sindon, to keep it within bounds, was expressed out of *Spt. vini & Sy. Ros. Sicc.* and so smoothly imposited on it, under the medicated Lint; the rest of the Topicks being the same still: thus I kept dressing of it for some days, awaiting its scaling; so in about the usual time it began to exfoliate from the salebrose Edges, manifest Scales cast off, each dressing some; the rest issued out in minuter Atoms, together with the Matter. At this time there was more pain than before, by the pricking of the loose Particles; as likewise a foetid Smell, and the Sanies of a gorous Hue. In about 8 days more the Exfoliation was over: then the Matter changed laudible, and the Scent inoffensive. At what time the Sarcodes humor shooting from the *Meditullium* to initiate a *Callus*, thrust off the remainder of the superfluous Atoms; of which humor Nature generates the *Porus*, or *Callus*. B 5 Now

Now I omitted the Sindon, placing it no more under the *Corona* of the Bone ; but formed a Dossel of Lint, and armed it with the same Balsam that the *Labia vulneris* had, and applied it in the *Chasma*, still imposing dry Lint on the Bone it self, as long as any part thereof was bare. At length (by thus dressing) the *Callus* by degrees expanded all over the *Hiatus*, and growing still harder, at last assimilated as Bone, and supplied the place of what was lost ; and a Sarcotic humor was exerted likewise out of the Interstice, that bedews this *Callus*, and the Surface of the Bone, and converts into a carnous Substance that joyns with the Carn of the *Labia vulneris*; by which means the Bone came to be incarned over ; for the Flesh will not adhere until the Bone is thus disposed : Nor doth a *Periostium*, or Pericrane, once gone, ever grow again, or a new one in place of it ; but the *Parus* Carn, thus generated, supplies its absence.

Hence it is, that the Flesh of a Scar, where the *Periostium*, or *Pericranium* perished, cannot be moved to and fro, as that of other Parts can ; but sticks fast to the Bone. This being effected, I now applied a more Sarcotic Balsam to fill up the Wound with Carn ; it was this of the Seniores.



R. *Tereb. Cypri. ʒiij. Gum. Elemi. ʒij. Sang. Drac. Thur. Mastice. Sarcocol. ana. ʒi. dissol. misce. f. Balsam.* I dressed with this Balsam on Dossels, and now an Emplaster of *Paracelsus* over it, until the Wound was wholly incarned. But a *Hypersarcosis* generating in the healing, I still checked by touching it with the *Lapis vitrioli*, and cicatrized with the Epulotic of *Tutia* on a Pledget, and a *Diapalma* Implaster over to defend it.

## MEMOIR II.

*A Depression of the Skull, with a Fissure; & concussio Cerebri.*

A Man, aged about 30 Years, hapned by a Fall off the Forecastle, and his Head hitting against the Windlife; to receive a large depression of the Skull, with a considerable Fissure about an Inch and half long through both Tables. The depression was in the Occipital Bone, close to the *Labdoides suture*, (for he fell backward.) The Fissure was extended from that Depression and Suture, upward along the Left side of the Sagital Suture. The Wound was but small, but the Contusion great.

great. The Man bled at Mouth and Ears, and had all signs of a concussed Brain; but Life being perceiv'd in him, he was let Blood instantly: which Operation may not be omitted in any-wise in these cases. A Cordial was given him, but it stay'd not with him; so he was had down out of the Air, between Decks, to be dress'd. First, his Hair being humect'd with Oyl, was shaved off; then Transverse-incision was made through the *Calva* to the Bone; and the *Mucronat* Angles, which had their Center in the Wound, were dissected off, and the Bone made bare a sufficient breadth. And now the Depression was seen plain, which before was but imperfectly felt with the Hand, (for the Contusion being much, did impede,) nor the Fissure was not seen as yet, by reason of the Bleeding from the Incisure. Wherefore it was dress'd up at this time with *R. Pulv. Galeni. cum Pilis leporin. incis. & alb. ovi. misce.* With which Dossels being armed with it, the Wound was fill'd; then the whole Head was embrocated with the temperate Lenient, as in the former Memoir. *R. Ol. Ros. alb. ovi. acet. vini. ana. misce.* And so the Cataplasma of *Hypocrates* was applied. *R. Farin. Hord. ʒviij. Ol. Ros. ʒiv. Pulv. Ros. Rub. ʒvi. Balauft. Bacc. Myrtill. ana. ʒij. Acet. vini.*

*vini. q. s. decoct. ad consist. Cataplasmatis.*  
This was spread on a double *Lintum*, and laid on all over; and a folded Cloth on that, and head-bandage over all.

The next morning it was dressed again. And now the Bone was dry, and no Blood to trouble us, and the lower end of the Fissure appeared; which by rubbing Ink on the Bone, and then scalping of it, manifested all the rest of the Fissure, which joyned to the Depression in the *Labdoides* Suture.

The next thing was, to make way by Terebration to discharge the extravasated Blood from the Mininges; for the Fissure being scalped deep, was found to be through both Tables; and the *Enclasis* of the Depression was large. Now the Trepan was set on with the Pin in it, and Foration was made through the first Table, (or at least till it had taken good hold;) then being withdrawn, it was taken out, and (the Work cleansed) it was applied again without the Pin, and with extraordinary diligence was worked through the *Diplois*; and being perforate through the inner Table, the piece of Bone was taken out with a small Levator and Forceps; and the inner Edg of the *Foramen* was smooth'd with a Lenticular, and the *Ramenta* were removed

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mov'd with a soft *Linteolum*; and the grumous Blood was remov'd by Lint on the end of a Probe.

Now the *Levetor* was convey'd in through the *Foramen*, wherewith the Depression was rais'd; for the Foration was made very near the *Enclasis*, and beneath the *Suture*, on purpose to raise it. And now the *Meninx* was washed with warm *Spt. vini. & Syr. Ros. Siccar. misce.* by a fine *Linteolum* fastned on the end of a Probe: And by this time a warm Stupe was ready, being expressed out of *Vinum Rubrum*, wherein the vulnerary Herbs had infused; which was used also each Dressing. Then a *Fibulum* was formed round of Lint, and a *Fi-lum* fastned unto it, to append out, to withdraw it as occasion served. This *Fibulum* was dipt in this Meningic *Enchrysta. R. Ol. Ros. ʒi. Resin. abiet. ʒi. dissol. ad ignem. misce.* This was let in through the *Foramen*, upon the *dura Meninx*, to digest and discuss any Blood or Matter that might remain in, and oppress the Tunicles. So a Dossel of dry Lint was put into the *Foramen*, and a Pledget of the same on the Fissure, and over the Bone, as far as it was bare; not only to defend from the cold Air, but also to obsorb any Gleet, that lying on the Bone, would quickly turpify and



and rot it. For these Reasons, dry Tow or Lint is more proper to be laid to the Bone than unctious Medicaments. And to the *Labia vulneris*, this digestive Balsam was applied on Dossels of Lint. *Rx. Gum. Elem. 3ss. dissol. in Ol. Ros. 3i. ss. Super ignem. Colat. adde. Tereb. Cipri. 3i. in aqu. Ros. lota. vitell. Ovar. No ij. Croc. 3i. misce. f. Balsam.* When the Dossels were armed with this, they were dipt in warm Ol. *Lambric.* and imposed. Then the contused Head was embrocated with the same lenient and repellent Embroche as in the former Memoir: and *Hypocrates Cataplasma* there described, was also laid on, and Bandage made as before.

This Dressing was let lye on 48 Hours; at what time being remov'd, there appear'd Digestion very laudible on the *Meninx*; so I thought convenient to deterge withal: and to that end used this *Emmaton*. *Rx. Spt. vini. 3ij. mel. Rosat. 3i. resin. abiet. 3ij. misce. Super ignem.* I dipt the *Fibulum* in this, and let it down on the *Meninx*, and a Dossel of dry Tow I put in to the *Foramen*, and Pledgets of the same on the Fissure and Nude-bone; dressing the *Labia vulneris* with the same Digestive as before, when first washed with the Lotion that the *Meninx* had to deterge it, because  
the

the Matter flowed plentifully; the other *Forinfecus* were the same as before. This Man had the same Regiment as to Diet as the former, and had *Sanguinis Miffo* & *Enema's* as often as necessary. This continued on 24 hours. Then finding it perfectly digested, I mundified the Wound also with the Balsam following: *R. Terreb. Clar. in vin. alb. lota. ʒiij. Mel Rosat. Spt. vin. ana. ʒi. Mybrr. Aloæ Sacch. alb. ana. ʒij. misce ad ignem. Coct. ad Consump. humiditas, f. Balsam.* This (when the Wound was first washed with the Fomentation *ex vini*, and the Bone cover'd with dry Tow) I laid on with Dossels, and by this time the contused Head was dissolved, And now I embrocated it with *Ol. Ros. & Chamo*, and used *Emplast. Betonic.* instead of the *Cataplasma*; the rest of the Topicks were the same still. I kept thus dressing for several days once a day, at length I found the Meninges perfectly well; and now not fearing their exturging, as a *Fungus*, I omitted the *Fibulum*, and only applied a Dossel of dry Lint into the *Foramen*; and the like on the Fissure, and used the same Balsam to the Wound, and the same Uction to the Head; and also the Betonic Emplaster and Bandage, and waited for Exfoliation, which begun about the



40th day; at what time I used my medicated Lint, as in the former Memoir. There were no manifest Scales, but the minuter Atoms came out in the gorie *Sanies*, which in about a Weeks time was over, and petulent and angry Symptoms vanish'd.

And now the *Meditullium* exerted its *Cal-  
lus*, and adhering to the Edges of the *Fora-  
men*; which growing larger, and still cras-  
sior, filled the *Hiatus*, and its Sarcosis dew  
besprinkling its Superficies with that of  
the adjacent Bone, disposed it to receive  
the Carn of the *Labia vulneris*, which in  
a few Dressings cover'd the Bone, and soon  
incarned the Wound, by the help of the  
Sarcotic Balsam that I now applied; which  
was this: *R. Tereb. Cypr. ʒiij Gum. Elemi.  
ʒij. Sang. Drac. Thur. Mastic. Sarcocol. ana. ʒi.  
dissol. f. Balsam.* This on Dossels, and an  
Emplaster of *Diapalma*, moistned with *Ol.  
Ros. parum*, as a defensive, wholly incarned  
the Wound. So by stroaking it with the  
smooth *Lap. Aluminis*, and a Pledget of dry  
Lint laid on, and a *Diapalma* Emplaster to  
keep it on, I ciccatriz'd it.

## MEMOIR III.

*A Concussion of the Brain, without Fracture or Wound.*

**A** Young Sailor running hastily in at the Steerage-door, and hitting his Head violently against a cross Beam, was struck down backward, and receiv'd a severe Bruise on the Sinciput, near the Coronal Suture; but no Wound, nor yet sensible Signs of a Fracture. Howbeit, by the greatness of the Blow, and astonishment of the Man, it was reasonable to suspect all was not well within. I let him Blood immediately; for that is not to be neglected in all grand Contusions; whether external or internal. Next, his Hair was moistned with Oyl on the *Epidermis*, and his Head forthwith shav'd. Then were the Head, Temples, Frons and Neck, embrocated with the mixture of *Vitell. Ovi acet vini. & Ol. Rosar.* and the *Cataplasma* of *Hypocrates* applied, as in the foregoing Memoir: The former to restrain the Afflux of Blood to the Part, and mitigate the Pain; and the latter to discuss the Tumor and Contusion, by drying up the extravasated Blood and Cerum already flow'd to the Part. The

The next day I dressed it after the same manner, and gave him the same treatment as to Diet, as the other Wounded had in the two foregoing Memoirs.

The third day I found the Contusion much deturged, and the Afflux appeased. So I omitted the former Embroche, and likewise the *Cataplasma*: and in place of the former, I used *Ol. Rosar. & Chama.* mixt; and in room of the latter, *Emplastrum Paracelsi* was applied: So it seem'd as if it would be soon well.

But two or three days after the Man complain'd of an exceeding great Pain in his Head: this Pain increasing so, that he had no rest Day nor Night. Then he had venæ Section again, and Enema's exhibited, but all availed not; his Pain grew intolerable, especially under the place where the Blow was received; insomuch that I suspected there was a Fissure of the *Cranium*, and prevailed with the Man to let me make incision, and see; to which the Man consented. So I made decussate Incision, and turned up the Angles, and razed off the Pericrane, and gave it a restraining Dressing at this time of *Pulv. Galeni, &c.* and put on it a Compress, expressed out of *acet. vini*, and bound it up.

Next

Next day I tried to find a Fissure, if there was any, but could see none; nor did the Man's Dolor assuage at all, but still augmented. Then I concluded it was a *Concussio Cerebri*; and that extravasated Blood lay oppressing the Brain. I told the Man so, and that there was no way to save his Life, but by giving vent to it by Trepanation: He answer'd, He had better suffer that than live in such misery.

Whereupon I made the Operation with a Trepan, as is shewed in the foregoing Memoir: And when the round piece of Bone was taken out, there gushed out a-bundance of putrid and filthy Sanies: by which discharge of Matter the Man found Ease. Then I applied Stupes, expressed out of hot Wine to the Part, as I did each Dressing after; the upper Tunicle was ulcerated with the corrupt Sanies, and it smelt strong and offensive. Now my intention was first to mundify it well, and to that intent I washed it with that known and approved *Emmaton* of *Mel. Ros. & Spt. vini*, mix'd and warm, by a fine *Linteolum* on the End of the Probe; and formed a *Fibulum* of Lint, with a *Filum* fixed to it. This I dipt in the Deterfive *Emmaton*, and placed it on the Ulcerated *Meninx*; and filled the *Foramen* lightly with a Dossel of

Stupa



*Stupa Sicca* to imbibe the Sanies, that the Brain should expume; and covered the Bone likewise with Pledgets of the same, and dressed the Wound with the Balsam following. *R. Tereb. scio ʒiij, Gum Elemi ʒij. Spt. vin. ʒi. ʃf. Ol. Hyperic. ʒi. Coque ad Consump. humidit. adde Thur. Pulver. ʒij. Croc. ʒi. f. Balsam.* Over this was applied *Emplasterum de Mellilot.* and so Compress and Bandage.

The next Dressing after this, I added to the *Emmaton, Mel. Egiptiac. parum,* and dressed the Membrane with it very warm, both by Washing, and also by the *Fibulum*: So continued thus till it was well Deterged.

Then the Meningic Balsam, that performs the Threefold Intention, as in *Memoir I.* was applied to the Meninx on the *Fibulum*; and the digestive Balsam, above described, was used still to the *Labia vulneris,* (the *Foramen* and Bone having the *Stupa Sicca* laid thereto)

By several Dressings, thus the Meninx became healed and ciccatrized; and it grew toward the time of Exfoliation of the Bone: To accelerate which, I used for some Dressings the medicated Lint, as in the former Memoir.

At last a *Porus* generated in the *Foramen,* at what time I left off my *Fibulum,* and dressed

dressed within the Edges of the Bone with a Pledget of Lint, only smeered with the Meningic Balsam, continuing the rest of the Medicaments as before.

Then the Wound incarned over and filled, insomuch as I was forced to use the Vitriol-stone to keep from an *Hypersarcofis*. So with a Pledget, expressed out of *Aq. Calcis*, and smeered over with *Unguent. Tutia*, which I applied with a *Diapalma* Emplaster to keep it on, a Cicatrize was affected.

#### MEMOIR IV.

*A Contusion of the Head, with a small Fissure, and a Caries-Bone.*

**T**WO of the Gun-Room Crew falling out, the one hapned to receive an unlucky Blow on the Head with an Hand-spike; insomuch as there was great Contusion and Laniation by the Claw of the Hand-spike; which also bruised the Skull, and made a small Fracture or Fissure through the first Table; it was on the upper Part of the Frontal Bone.

It had been dressed as an ordinary broken Head, by a person who thought the

Bone

Bone

Bone had not been touched ; only with a Basilicon on Lint to the Wound, and a *Diapalma* Emplaster over it. 'Tis true, he had shaved the Hair about the Wound, but not the whole Head, (which he ought to have done,) neither had he let the Man bleed ; which, in contused Wounds, ought not to be omitted, and much less in Fractures, (as here was one, although he was ignorant of it.) The Head was grown exceeding bad, tumified and putrified at the Bone ; for it was three Weeks ago since the Accident befell ; and no good digestion induced ; nor there had been no Assay made to discuss nor dry up the extravasated Blood. I was sent for to see the Man, for it was on Board of a Merchant's Ship under our Convoy. I immediately suspected a Fracture, for he had some true Signs of one. I had the Head shaved all over ; it was vastly Turgid, and the Wound looked ill. The Head felt under the *Calva* as a Quag ; for the Wound did not discharge the one half of the Sanies, being it was superficially dressed, and had not been dilated. I judged there was a great deal of corrupt Matter at bottom, and persuaded the Man to let me lay it open, which he readily consented unto. So with an Incision-knife I made cross Section through

through the Wound, down to the very Skull, and abundance of foetid corrupt Sanies came pushing out. I made the Incision large enough; and feeling the Bone foul and salebrous with my Finger, (for I dareſt not truſt to a Probe) therefore I deſected the *Cuspides* of the Inciſure to make the place wider. Then I waſhed the Ulcerous part (which was latent before, but now apparent) with *Spt. vini & Mel. Roſat. miſce.* The Pericrane was rotted away the breadth of a Crown-piece: The Bone was Turpeſied and Rough; of an ill Colour, and worſe Smell. I dreſſed it up at this time with dry Tow, becauſe I knew I muſt Scale it, either by the Raſp or otherways the next day. I now anointed the Head with *Ol. Roſar.* and applied an Emplaſter of *Paracelſus* over it, and made Bandage.

The next morning, when I opened it, the Bone was dry; ſo I defended the *Labia vulneris* with fine *Linteola*, and applied the Raſp to the Caries part, (having ſtopt the Man's Ears with Cotton before,) and having his Head held ſteady. I Raſped the whole Breadth of the Caries, and ſo deep, till I ſaw a ſanguine Humor follow the Raſp; and in the Raſping I diſcover'd a Fiſſure, which obliged me to Raſp deeper in that place, to ſee if I could Raſp the  
Fiſſure



Fissure out, which I did, for it vanished at the Diplois. This done, I had a *Fotus* ready, which was an infusion of the *Vulnery Herbs* (*viz.*) *Betonie. Centaur. Hyperic. Absynth. &c.* In *Vin. Rub.* out of this (being hot) I expressed Flannel Stupes, where-with I fomented the Head, still as one cooled another was repeated, for a considerable time together. After this I washed the Bone with hot *Spt. Vini*. This done, I strewed my *Sarcotic Cataplasma*, on the Rasped Part, it is this: *Rx. Pulv. Irid. Florent. Arisfoloch. Rotund. Resin. Abiet. Mykrr. Aloæ. Ana. 3j. Misce.* On this, I placed Dossils of dry Lint and to the *Labiæ Vulneris*, this Digestive, Balsam. *Rx. Tereb. Scio. 3iij. Gum. Elemi. 3ij. Thur. Mastic. Sarcocol. Ana. 3j. Dissol. Misce. f. Balsam.* Then I embrocated the Head with *Ol Chamæ. & Ros.* and laid on the *Paracelsus* Implaster, and a double Cloath over that, and so made the Cancer Bandage. Then made *Vena Section*, and ordered *Enema* to be exhibited as need required, and forbid him Capital Liquors, I let him drink only of the *Ptyfan*, or else small Drink, and eat *Fusculum tenuem, pulmentum, Panada, &c.*

By this Treatment dayly Celebrated, the Bone incarned over in a small time, and the Wound healed, then I left off the Poudre

and dry Lint, and apply'd only the Balsam and Implaster, and afterwards with a Pledget of Lint dip'd in *Spt. Vini.* and expressed, and only tinted with *Ungt. Tutie.* and applied, and a Diapalma Implaster over it, it Cicatrized.

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### MEMOIR V.

*A Wound with Contusion of the Head,  
the Bone bare without a Fracture.*

**I** Was called to see a Man, who by a fall from his Horse, had his Head sorely Wounded and Lacerated against the Stones; the Bone was bare for a large Space, the *Calva* and *Pericranium* being torn off, and the Wound full of Gravel and Dirt. The Wound was on the left *Sagittal* Bone, and Comprehending Part of the Frontal, it was 4 Hours time e're the Man could come where he might be dressed, and all this time his Skul and Wound exposed to the Air, he having only a Handkerchief about it, and it for the most of the time Bleeding. When I came to him I had him into a warm Room, and a good Fire was made, and a Pan of Coles held near his Head.

The

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The Hair being moistened with Oyl on the Epidermis, was forthwith shaved off, and a Fodus of Red Wine was prepared, wherewith the Wound was washed, and stuped hot, it was half an Hour e're I could get out all the Dirt. After this I washed it with warm *Spt. Vini*, and dip'd Dossels of Lint in the same, and applied to the Bone, and being the Bleeding was over, I applied this digestive to the *Labia Vulneris*. *Rx. Gum. Elemi. 3ss. Dissol. in Ol. Ros. 3i. ss. Super. Ignem. Colat. adde Tereb. Cypr. 3i. in Aq. Ros. Lot. Vitell. Ov. N<sup>o</sup>ij. Croc. 3j. f. Balsam.* This being applied, I embrocated the Head with *Ol. Ros. & Camo.* and laid on it *Hypocrates Cataplasma*, to discuss the extravasated Blood; (for the Head was sadly Bruized and Tumified.) The *Cataplasma* is Described in the first Memoir, whither I refer you: So the Head was bound up, and the Man was let Blood plentifully, for in this Case I thought fit to dress the Wound before Venesection, which was after immediately Celebrated, then he had a Cordial and was put to rest, having warm *Cervissia Prussia* given him to drink, because his Body was inwardly bruised, as was the Head.

The next Day when it was opened again, the Bone was receded from its natural Colour, looking rather Evanide. This

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was the Effect of the cold Air it had received, so I dressed it again, first stuping it with the Fodus, to which was added now the Vulnery Herbs, then the Bone was washed with hot *Spt. Vini.* and Dossels of dry Lint laid unto it. And to the *Labiæ Vulneris*, the same digestive Balsam as before, as hot as sufferable, the same Unction to the Head, and likewise the *Cataplasma* and *Bandage*. Thus it was treated the day following, and then digestion appeared, and the Tumor deturged, and it seemed as if it would have been soon well. But these Intentions being perfected, and the detergent Medicine having mundified it, which was this; *R. Gum. Elemi. ʒj. Ol. Ros. ʒiiij. Mel. Rosat. Spt. Vini. Ana. ʒiiij. Granor Alcherm. ʒss. Pulv. Cem. Hyperic ʒij Decoct. ad Consumpt. Vini. adde Pulv. Aloæ. ʒj. Croc. ʒi. f. Balsam:* and now applying the Sarcotic Balsam in hopes to Incarn over the Bone, and repeating it several times it would take no effect, the Balsam was this; *R. Tereb. Scio ʒiiij. Gum. Elemi. ʒij. Thur. Sarcocol. Sang. Dracon. mastic. Ana. ʒi. Misce. Dissol. f. Balsam.* Now the Reason it would not take Effect, was because the Bone had taken the Air, and was altered, and became more smooth than naturally it should be. So that now there was a necessity to use the *Radula*, the which I did,



did, and rasped until I perceived the Bone to have a Viget Colour and a Sanguin Humour fleted out, bedewing the Part, then by the *Sarcotic Catapasma*, and on it dry Lint, as in the former Memoir, it incarnated over, and by the Application of the same Sarcotic Balsam to the *Labia Vulneris* as before, the Bone covered and the Wound filled, and was Cicatrized with *Ungt. Tutie*.

When this was cured there remained a large Cicatrix, because the *Periostrum* was lost for a great space, and the Carngrewe immediately on the Bone, so that this Skin could never be moved about the Skull, as the rest of the Calva that had a slippery Pericrane under it.

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## MEMOIR VI.

*A large Contussion on the Head, without Wound or Fracture.*

A Woman by a fall down Stairs received a great Contusion on the Vertex of the Head, which was attended with great Pain, but no Wound nor Fracture; except an Attrition of the *Epidermis*. Now to remove these Accidents and prevent a further Progreſs, these Means were used, first

*Sanguinis missio*, which must by no means be neglected in great Contusions, especially when there is no bleeding Wound, then judging there was no Fracture, I took the following Course.

First the Hair being softened towards the Roots with Oyl *Olive*, the Head was instantly shaved. And as in all other Capital Contusions so in this, the Lenient Restrictive Embroche was used, (*viz.*) *Alb. Ovi. Acet. Vini. Ol. Ros. Misce.* to Head, Temples, Frons and Neck. Then the Cataplasma of *Hypocrates*, (*viz.*) *R. Farin. Hord. Fabar. Ana. 34. Ol. Ros. & Myrtill. Ana. 3ij. Flor. Ros. Rub. Pulver. 3vi. Pulv. Balaust. Bac. Myrtill. Nuc. Cupress. Ana. 3ij. Decoct. in Acet. Vini. q. s. ad Consist. Cataplasmat.* so the Bandage was made, and she had *Cervisia Prussia* given her to drink, and so she was put to rest.

The next Day she was feverish, and had *Enerma* given her, and another at Night, and being Plethoric, and about 26 Years of Age, *Phlebotomy* was repeated again next Morning. This very much conduced to her Recovery; these Means check'd all the Symptoms, for in a few Dressings the Contused Head Detained the Inflammation was asswaged, the Afflux repelled and the Pain mitigated, so that now the Head was anoint-

anointed with *Ol. Ros. & Chamo. Misce.* and the Implaſter *Debetonic.* applied, which confirmed the Cure.

MEMOIR VII.

*A Contuſed Forehead without a Wound.*

A Maid Aged about 12 Years, by a fall had her Forehead bruised ſadly, ſo that a Tumour immediately roſe up as big as ones Fiſt, fill'd with extravafated Blood, and more ſtill flowing; but no Wound except *Attritio Cutis.* ſo I inſtantly mixed *Acet. Vini. Alb. Ovi. & Ol. Ros. cum Farin. Hord. Ana q. s.* and dip'd a *Compreſs* therein, and applied to it, and made Bandage, and made *Phlebotomy.* and by the next Day the Tumour was quite diſſolved, the Afflux ſtayed, and the Pain for the moſt part mitigated. Then I embrocated it *Cum Ol. Hyperic.* and applied on it a *Paracelfus* Implaſter, which Conſummated the Cure, for it was well in a Weeks time.

## MEMOIR VIII.

*A Contusion of the Head Obdurated.*

A Man having got a Contusion on the Head, and having had all the foregoing Means used to him, yet nevertheless it would not Discuss, and it neither tended to assuage nor digest. I let him Blood forthwith.

The Discussion had been attempted but too late, when the Extravasated Blood was settled, and the Echimosiis grown hard as a Schirrus. my intention was now to mollifie Obduration, to which end I got ready this Fucus. *Rx. Flor. Malv. Chamo. Melilot. Perietar. Ana. Mj. Rad. Altheæ. Incis. ʒiiij. Decoct. in aq. Font. & Lact. Vact. Ana. q. s.* the Tumor was stuped with this frequently. Then a Cataplasma made of the Feces, with the Addition of *Axung. Porcin. Anser Ungt. de Albæ. & Ol. Chamo. Ana. ʒss. Farin. cemi Linj. q. s.* This was laid to warm after the Fomenting, and by the often use of it the hardness asswaged, but the bigness continued. Then I used this Discussive Cataplasma. *Farin. Fabar. ʒ4. Pulv. Ros. Rub. Bac. Myrtill. Cem. Cymin. Ana. ʒij. Flor. Chamo. Summit. Betonic. Ana. Pug. ij. Decoct. in Vin. rub. q. s. f. Catapl.* This applied, dried up the Sero-

fity,



sity, and resolved the Tumor, by three times applying of it, and now an Implaster of *Paracelsi* laid on finished the Cure.

MEMOIR IX.

*Another Contusion in the Head Obdurate.*

A Girl happen'd to receive a notable Contusion on the Head, by a stone flung at her, an Ignorant Person laid a Diachylon Plaster on it, and Bound it up. But it being much turgid with extravasated Blood, and that lying deep, instead of Discussing, it Obdurate.

It was too late for me now to endeavour to Discuss it, for it was grown extraordinary hard, yet not inflamed or tending to Suppuration, but I rather feared it would Mortifie. Therefore I resolved to open it by Incision, and endeavour to carry it off by Digestion, (for I had first used Emollient Means, and that would not do,) accordingly I made a deep Incision in it with a Capital Razor, (for I had not an Incision Knife about me at that time) this done, I applied to the Wound this digestive following, when I had first stop'd the Bleeding. R.

*Tereb. Cypr. ʒiij. Vitel. Unius. Ovi. Misce. Forin.*

*Herd. 3vi. Pulv. Thuris. 3ij. Fiat Balsam.* A Dossel armed with this, and then dipt in hot *Ol. Hyperic* was applied into the Wound, and the Head being shaved, was anointed with *Ol. Chamo.* and an Implaster of *Diachylon magnum cum Gummi*, over it, this kept on 48 Hours, and when removed, I found it digested Laudibly, and in two Dressings more the Tumour was wholly dissolved. Then applied *Linimentum Arcei & Basilicon* mixed to the Wound, to incarn it, but used only *Diapalma* Implaster with *Ol. Ros.* mollified over the Dossel and Balsam, and at last Cicatrized with dry Lint, and the Implaster on it, to Conserve it.

## MEMOIR X.

*A Wound of the Temporal Muscle.*

**T**WO Men differing in heaving of Ballest, the one gave the other a violent blow with his Shovel on the side of the Head and Face, making a large Contused and Lacerated Wound in the Temporal Muscle, the Edge of the Shovel bar'd the Bone in one place, making an Attrition thereon, and wounded that Membrane which is an Operculum to that Muscle, altho' a *Pericranium*

to the rest of the Bones of the Head. The eminent Arterie therein was likewise Wounded, so that a great Flux of Blood flew out impetuously. Every way this Wound was Dangerous. First Experience manifests that Arterial Blood is difficult to stench, then the sensible Membrane that hath its Origin from the Crass Meninx, and connexed unto it by Fibres through the Sutures of the Skull; if it inflame, then does all the Teguments of the Brain suffer with it by consent of Parts, it communicating its Grief to the Brain by these Fibres.

Besides, the Tendon of this Muscle passeth through all its Parts, and the strong part of this Tendon being incerted into the Process of the lower Jaw, which it forcibly pulleth up, and thereby shutteth the Mouth, this makes that we cannot eat nor speak but this Muscle moveth, therefore this Wound is still more Perilous, yea, further, the upper part of this Bone, being thin as a Scale, and a part of it interrigo'd by the Weapon, and taking Air, rendered it still worle.

Now this Bone must Exfoliat, (having been attrited on and taken Air,) before the Carne would grow over it again.

First I was by reason of its Bleeding obliged to apply an Astringent dressing, R.  
*Pulv.*

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*Pulv. Galen. Pil. Lepor. Minutiss. Incisor. Pulv. Bufon. Ana. Parum. Album. Ovr. aq. Stiptic. Royal. Ana. q. s. Misce.* this having Dollsels of Lint dip'd in it and applied, and a large Pledget of fine Tow dip'd and expressed out of the *aq. Stiptic.* and laid over it, and Decent, Compress and Bandage, stopt the Bleeding (for I had the whole Head shaved before;) here Note that *Pulvis Bufonis* is the greatest *Sistend. Sang.* in the World, for whenever it is applied the Blood retires from it, and stops Bleeding in that place. Then the repellent Embroche was used all over the Head and Face, (*viz.*) *R. Acet. Vin. Alb. Ovi. Ol. Myrtill. Ana. q. s.* and the Implaster of *Hypocrates* applied over: *R. Farin. Hord. & Fabar. Ana. ʒij. Ol. Ros. Myrtill. Ana. ʒss. Pulv. Ros. Rub. Balaust. Bac. Myrtill. Ana. ʒj. in Acet. Vin. q. s. Decoct. ad Consist. Cataplasmatiss.* This done, the Head was bound up, and the Patient let Blood, and with a Pacific Cordial put to rest. He had the *Pysan*, as to drink, and the same Regiment of Dyet as those in the former Memoirs, also *Enemas*, and other necessary Treatment.

This Dressing remained on 48 Hours, and then being taken off, there appeared beyond my Expectation a Laudible Digestion. This I might Ascribe to the Royal Spt.  
Wa-



Water, that had done the same oftentimes before in Wounds made in our Sea-Engagements, the Composition thereof is in my *Chirurgus Marinus*, whether I refer you.

Now I washed it with warm *Spiritus Vini*, then applied Dossels of dry Lint to the Bone that was bare, and all over the Wound I Dressed with this Balsam.

*Rx. Gum. Elem. 3ss. in ol. Ros. Super. ignem. Dissol. adde Tereb. Scio. 3i. in aq. Ros. Lot. Vittel. Ov. N<sup>o</sup>ij. Pulv. Croc. 3i. Misce. f. Balsam. Pledgets armed with this were dip'd in Ol. Catallor. hot and applied.*

However, I embrocated the remoter Parts of the Head, with the same Embroche as before, and applied the same Cataplasma again, and so bound it up.

I let this dressing remain on 24 Hours, then taking it off, I washed the whole with *Spt. Vini. & Mel. Rosat. Misce.* to deterge it, and applied the Medicated Lint described in the first Memoir, to the attrited Bone, and the same digestive Balsam as before to the *Labiæ Vulneris*, and now I annointed the Head with *Ol. Hyperici.* and applied *Emplastrum Betonic.* over it. I made Phlebotomy again, and the next dressing found it seemingly inclinable to heal, but the Bone was not yet Scaled, but in due time it cast off its Corrupt Atoms in the Sanies, and

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and then the Sarcodes Humour bedewing the Bone, the Carne grew over it, at what time I omitted the medicated Lint, and used the Balsam only, until it was wholly incarned, and at length Cicatrized it with *Ungt. Tutia.* on a Pledget, and a Diapalma Implaster over it.

### MEMOIR XI.

*A Wound in the Head with a piece of the Bone cut slanting off.*

A Man by a Back-Sword had a Wound on the Vertex, with a piece of the left Cincipital Bone cut sloping off, and hanging down with the Calva, which I immediately Defected, and applying *Pulv. Galen. cum Alb. Ov. Misce.* on Dossels, soon stopt the Bleeding, having first shaved off the Hair all about, then made Bandage for this time.

The next Day I took off the Dressing, and washed the Wound with hot *Spt. Vini.* and strowed on the Bone the *Sarcotic* Pouder, described in the 4th Memoir, and applied dry Lint on that, then to the *Labia Vulneris* I laid this Digestive Balsam. *R. Tereb. Scio. Zij. Vitell. Unius. Ovi. Farin. Herd. q. s. Pulv.*

*Pulv. Thur. ʒi. Croc. ʒi. Misce.* the Pledgets armed with this, were dip'd in hot *Ol. Lumbricorum* and so applied, then the Head being embrocated with hot *Ol. Ros. & Chamo.* had an Implaster of *Melilot simplex* laid over it, then bound up. It was thus dressed dayly till good Digestion was induced; at last the Bone cast off, and there exsuded out of its Meditullium a Sarcode Humour, it made a Porus that supplied the Deficiency; and now the dry Lint being omitted, and the Balsam of *Arcei* only applied, it soon incarned, and by touching it with a smooth Allum-stone, and putting dry Lint on it, with an Implaster of *Diapalma* over that, it Cicatrized.

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MEMOIR XII.

*A Wound in the Orbis of the Eye.*

**A** Young Girl had by chance the Point of a Penknife struck into the Orbis of her Eye, *juxta Globulum*, there was great Pain, and it bled freely, which was obfisted, by *Pulv. Galeni. cum Alb. Ovi. Misce.* a Pledget being dip'd therein and applied, and a Compress dip'd in *Acet. Vini.* and expressed, bound on it.

The

The Bleeding being thus stop'd, the Eye was well stuped with this Colyrium. *Rx. Aq. Ros. Alb. ʒij. Spt. Vini. Rectif. ʒi. Misce.* After this I applied to it a Pledget dip'd in warm Balsam Sulphor. and over that an Implaster of Diapalma, pretty large to defend it, and above it about the Frons and Temple, a defensive thus: *Rx. Sang. Dracon. Thur. Mastic. Bol. Ver. Ana. ʒi. Ol. Ros. Acet. Ab. Ov. Ana. Parum. Misce.* and over the Orbis and on the Implaster, a Compress and so made Bandage.

This done, I opened a Vein to make revulsion; this Dressing continued on 48 Hours, and then being removed, the Eye was found kindly digesting, and at a Dressing or two more Agglutinated. I used no Tent in it.

## MEMOIR XIII.

### *The Cure of hot Rhumatic Eyes.*

A Woman being Afflicted with a scalding Humour, and Inflammation in her Eyes, was thus cured:

First she had this Colyrium wherewith her Eyes were washed. *Rx. Aq. Ros. Alb. ʒiij. Sacchar. Saturn. ʒij. Misce. in Vitreo.* her Eyes,



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Eyes, Forehead and Temples were stuped well with this several times in the Day ; then every Night a Cataplasma of *Conserv. Ros. Rub.* was applied to them cold, she was let Blood twice in the Cure, and as often purged with *Pil. Cochiae Minor.*  $\mathfrak{z}ii.$  at a time, she had likewise a Seton made in her Neck, and the Skene of Silk that was passed through it, was smeered with this Balsam. *R. Tereb. Cypr. 3i. Syr. Ros. Absynib. Ana. 3i. Pulv. Irid. Florent. Aristoloch. Rotund. Rhub. Agric. Scamo. Ana. gr. vj. f. Balsam.*

By these Means the Woman was Cured in about 3 Weeks time.

### MEMOIR XIV.

*A Contusion and Fracture of the Nose, with an Eruption of the Nasal Arteries.*

A Man falling with his Face against the Stones, had a Fracture of the Nasal Bones, with Eruption of the Arteries and great Contusion of the Parts adjacent, and there was a violent Hemorrhage, which required first to be stopt before, any other Intention could be attempted.

To effect which Phlebotomy was Celebrated

ted in the Cutulus which made a Derivation: In the mean time I set the quash'd Parts of the *Ethmoides Os* to rights, with the end of a small Leviter on the inside, and the Hand on the outside: And I formed two hollow *Turundas* of short Quills and with Lint, and dip'd in *Galens Restreſſive*, and *Alb. Ov.* mixed, and on the bruised Part, the *Cataplaſma* of *Hippocrates*. *Rx. Parth. Hord. Cribrat. ʒij. Ol. Roſ. ʒi. Pul. Flor. Roſ. Rub. ʒij. Balauſt. Baec. Myrt. Ana. ʒi. Acet. Vin. ʒ. S. Decoct. ad Conſiſt. Cataplaſmatis.* When this was applied I took Care to keep clear the Parts under the Noſtrils, that the Humour and Matter might iſſue forth, making my Bandage accordingly,

After a Dreſſing or two thus, the Parts about were diſcuſſed, and then leaving off the *Cataplaſma*, I applied *Smal. ſplenice* about the Noſe, armed with Balsam, *Sulph.* warm, and conveyed up into the Noſe through the Quills, warm *Spt. Vini.* each Dreſſing with a Syringe to cleanſe the Matter and exſiccate the Bone.

At length I uſed only *Implaſterum Para-celſus* outwardly, and the *Spt. Vini.* inwardly, which in ſhort time Conſummated the Cure, with Decent Compreſſes, and Bandage, only *Vena Section* was repeated twice, and a Clifter or two were exhibited.

## MEMOIR XV.

*Bleeding violently at the Nose stopped.*

A Man bleeding violently at the Nose, and having had most of the Common Means used to him to stop it, but all proving Fruitless; but the *Hemorrhage* still continuing, and the Man like to Bleed to Death; at length I was sent for.

I immediately opened the *Cephalic Vein* in the *Cutulus* of the Arm, which made revulsion, and obstited the *Hemorrhage* at the Nose. In the mean time I forcibly through my *Vuvla Spoon*, blowed up into the Nostrils this Powder following: *R. Pulv. ex Carn. Bufon. Bol. Ver. Ana. ʒij. Misce.* This being done just in the time of Bleeding at the Arm; stopt its afflux to the Nose again; for wherever the *Pulv. Bonfonis* is applied, the Blood retires from it. Then I applied to the Face and Temples, this Frontale. *R. Calx = ust. Bol. Armen. Ana. Alb. Ov. q. s. Misce. ad Consistant. Cataplas. applicet.* Then I put him to Bed, and gave him *Laud. Liquid. Gutt. 40* in a Glass of Beer: This Composed the Ebullition of the Spirits and Blood, and Completed the Cure.

Now being a violent Head-ach always pre-

preceded this *Hemorrhage*, therefore when ever that Symptom came, he took a Purge of *Pil. Cochia. Minor. ʒij.* which prevented Bleeding. I ordered him to abstain from Capital Liquors, and to drink only Small Beer.

## MEMOIR XVI.

*Relaxed Amigdals with Ulcers in Throat and Mouth Cured.*

A Woman having her Amigdals Tumified and relaxed, and her Mouth and Throat Inflamed and Ulcerated, came to me for help. I considered the Cause was hot and sharp Humours flowing to the Part.

I made Phlebotomy plentifully, and repeated it twice, two Days passing between.

In the interim I Purged her with this :

*R. Electur. Lenitiv. ʒi. Troch. Agaric. Scamo. Pulver. Ana. gr. x. Misce. f. Bol.*

This was taken twice in the Cure, at convenient Intervals : The Amigdals were repositied with Hands, and this Gargarismus was prepared and used. *R. Aq. Plantag. Prunell. Ana. ʒij. Mel. Rosat. Spt. Vini. Ana. ʒi. Succ. Glyceribiz. Hispan ʒij. Alum. Roeb ʒi. Spt. Sulphor. Gut. x. Misce. in Vitreo.* This



was Gargled frequently, and by these Means she was Cured.

## MEMOIR XVII.

### *The Squinzy Cured.*

A Woman having the Squinzey so that the Muscles of the Fauces both outward and inward, were dangerously Inflamed, and Tumified, insomuch as she could scarcely swallow, but was likely to be Suffocated, and Breathed difficultly.

I Breathed the *Venæ Sublingua* immediately, and likewise the *Cephalic* in the *Cutulus*, (being that is an Intention that must not in this Case be omitted.) Revelling *Enemas* was also exhibited, and gentle *Cathartics* to cool and carry down the noxious Fumes and throw out the Feces, as R. *Electuar. Lenitiv.* ʒiʒ. *Crem. Tartar* ʒi *Misce.*

And this Subsequent Gargle was prepared and used. R. *Flor. Ros. Rub. Balauft.* Ana. *Pugil.* ʒ *Fung. Sambac.* ʒij. *Cortex. Granat.* ʒi. *Corinth.* ʒvi. *Fujub. N<sup>o</sup>. 12.* *Sal. Prunel.* ʒij. *Suc. Liquorish.* ʒiii. *Fic. N<sup>o</sup>. ij.* *Alumen.* *Roch.* ʒi. *Decoct. in Aq. Hord. q. s. Colat. add.* *Spr. Sulph. Gut.* 16. *Mel. Rosat.* ʒiiij. f. *Gargarism.* To be used as warm as sufferable, and very often.

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I not only Gargled with this, and by Syring washed the Throat therewith, but I also Bathed and Fomented the Tumified Parts outwardly with it; then I used externally these Topicks. *R. Muscilag. ex Sem. Lini. & Fenugrer. Ana. ʒi. Auricul. Juda. ʒss. Alb. Græc. ʒvi. Pulv. de Nido. Hyrund. Stirc. Columb. Ana. ʒij. Decoct. in Posca. q. s. adde Vetel. Ov. N<sup>o</sup>. ij. Pulv. Croc. ʒi. f. Cataplasma.* This was spread and applied warm, and as one cooled, another was laid on, and she had *Spt. Sulph.* in all her Drink, to a grateful Acidity, so by this Means she was Cured.

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## MEMOIR XVIII.

### *Another Cured of the Squinzy.*

A Young Girl about 10 years old, had a violent Squinzy, the Blood being in an Estuous Ferment, the Jaws Inflamed and swelled to a great Degree, and feverish she was withall. First, she had *Venæ Section* in the *Cutulus*, because the *Jugulers*, nor *Venæ Sublingua*, could not with conveniency be opened: She had this iterated likewise next Day, and that a good quantity, being this is an indispensable intention in this Disease. Then

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Then she had this Cataplasma applied to the Part.

*R. Alb. Græc. ℥ij. Farin. Fenugr. ℥ij. Coque. in Lact. Vac. q. s. ad Consistanciam Cataplasmatidis. Adde Vitel. Ov. N<sup>o</sup>. ij. Croc. Angliæ. Pulv. ℥i. Misce. applicetur Calide Fauces. & Repetetur Sepius.* She had also a strong Vesicatory inter scapulas, it was that of *Epispasticum* made strong: She had likewise this Gargarisme Prepared to Use. *R. Flor. Rosar. Rub. Balauft. Ana. ℥ij. Vin. Rub. Aq. Papav. Purnell. Ana. ℥vi. Coque. Colat. adde Mel. Rosar ℥ij. f. Gargarismus uteretur frequenter.* With this she Gargled and had her Throat washed by Syringe often.

There was a Physician sent for to this Patient, and he Judged the Fever to be Malignant, and prescribed immediately this:

*R. Pulv. e. Chelis. Canceror. Composit. ℥i. in quavis Vehiculo Idoneo. To be taken over Night.* Then the next Day he prescribed this Julep. *R. Aq. Lact. Alexit. ℥vj. Epidemic ℥ij. Conf. Alcherm. sine Odoratu ℥i. Pulv. Gascon ℥ii. Syr. Carioph. q. s. Misce. Capiat. alternis horis Cochlear. N<sup>o</sup>. 6.* By these Means she recovered, and in a short time became well.

## M E M O I R XIX.

*A Relaxation of Uvula and Tonfils Cured.*

A Maid having the Almonds of her Ears down, thro' Cold, was thus Cured. *Rx. Ferment Veter. q. v.* Spread it on a double *Sindon*, I strew thereon *Pulv. ex Cem. Cumini. & Succin. Alb. Ana. Parum.* Shave the Vertex about 4 Inches, and applie it, let it lye on 12 Hours, then repeat it. This without any other Means, cured the Patient in a short time.

## M E M O I R XX.

*A Cancer Ulcerated on the Lip Cured.*

A Woman having an Ulcerated Cancer on the Lip, which she would not admit to be Extirpated, had it thus Cured. *Rx. Calomel* reduced into impalpable Powder by Levigating, it was strewed thereon Mornings and Nights, and Pledgets of dry Lint on that, with a Diapalma Implaster, and decent Bandage to keep it on.

And inwardly she had *Pil. Balsamic.* twice a Week exhibited, *℞ij.* at a time, and she drank



Drank of this Julep Mornings and Nights.  
*R. Vin. Canarium. ℥ ij Pulv. antimo diaphoret.*  
*℥ xvi. infuse. agitat. sedit. decant. adde Syr. Ca-*  
*rioph. ℥ ij. Misce. servit ad usum, in vitreo bene*  
*obturat. dose. ℥ ij. by these means the Cancer*  
*was cured in about a quarter of a Year.*

## MEMOIR XXI.

*A Cancer on the lower Jaw extirpated.*

**A** Woman aged 28 Years, had a Cancerous Gland on the Apophysis, near under the Ear, it was about the bigness of a Nutmeg, and the Basis broader than the out part, so that no Ligature could be made. But with the Hand it was pulled up, and with a catling divided round the bottom without the hard Basis, and so the Section made dilligently under it, the Gland was cleanly taken out, there was a Cauterizing Button ready to have Ceared any remaining Roots, but there was no occasion for it, for it was cleverly removed. The Bleeding was stopt with Galens Powder, and then digestion was effected with that of *Tereb. cum Vitell. Ov. Misce.* and afterward it was incarned with *Liniment. Arcei. & Basilicon. Misce.* and at last Cicatrized with  

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*Ungt. Tutie.* and an Implaster of *Diapalma* to keep it on.

MEMOIR XXII.

*A Wound in the Throat Cured.*

A Man by a Sword received a Wound in the Throat, penetrating the *Oesophagus*, this was very dangerous, because the *Aliment* and *Saliva* so frequently intrude therein, the Wound was immediately stitched, which is a Work indispensible in this case, else the *Aliments* would issue out of the Wound. Then restraining Agglutinatives were applied. *R. Pulv. Galen. Alb. Ov. Pilis. Leporinis. &c. Misce.* this was laid on with a stupe expressed out of *Acetum Vini.* and had decent Bandage which obstited the Bleeding, he had at the same time *Vena Section*, which made Derivation. And a lambative was administred inwardly.

*R. Alb. Ov. N<sup>o</sup>ij. Sacch. Alb. q. s. Misce.*

Of this he took frequently, and had a spare and liquid Diet, as *Pulmenta. Fuscule. Panada. &c.* And as for Drink, the *Horidia Ptyisan. & Enema* were as often exhibited as necessary, to prevent Fever or other ill Symptoms.

This

This Dressing was let abide on three Days and then being taken off the Wound was seemingly well disposed, however the stitches were kept fast still, and now the Neck and Throat was anointed with *Ol. Ros. & Chamo* mixt, and on the Stiches the Agglutnative Powder was sprinkled. *R. Sang. Dracon. Thur. Bol. ver. &c.* And this Agglutinative Balsam was applied over on Pledgits. *R. Tereb. cio ʒij. Gum. Elemi. ʒij. Thur. mastie. sang. Dracon. ana. ʒj. Misct. f. Balsam.*

These were applied warm, but no Implaster least by taking it off the stitches should break, only decent Compresses and Bandage were used as the part required, and his Head was laid steady upon a Pillow.

The next dressing after this, the stitches were cut out and the Wound speedily digested and agglutinated, and was Cicatrized with *Desicativum Rubrum* and an Implaster of *Diapalma* over it.

### MEMOIR XXIII.

*A Wound by a Bullet carrying off a Man's Arm.*

IN time of Fight at Sea a Man had his Arm carried off by a Bullet from the

Enemy. The Bone was shatter'd all to pieces and was so near the Shoulder Joint, that there was no room for Amputation with the Saw to make a smooth end of the stump.

There were some quassate loose Officles at the end of the Bone, which I took out immediately with Forceps; others there were, but not so loose as to be now extracted. Some of the ends of the Nerves were hanging out, as also some lacerated Flesh and Skin, which were now cut off, as even as possible.

But now the most important Intention was *Sanguinis sistendo*. (for the Blood flowed impetuously) from the *Axillaris vasibus*, now I durst not apply the actual Cautery, that part being so near the Heart: For that the Fire would soon cause that intollerable Fervour to communicate the Grief of this to all the principal Parts, and so bring on immediate Fever and Convulsions, (if not present Death;) nor dare I use *Calcanthum Rubifactum* nor any other Corrosive, for that would nearly do as bad; and the common astringents I feared would be too weak, and was not sure that hot *Ol. Tereb.* would do.

But it being now no time to take any long Consideration, I instantly made up this following restrictive.

*R. Pulv.*



*R. Pulv. Sang. Dracen. Thur. Aloë. Ana.  
3ss. Bufon. 3vi. Alb. unius Ovi. aq. stiptic. Ro-  
Tal q. J. Misce.*

I took Burtons of *Stupa Sicca*, expressed out of the Royal Siptic Water, and armed them with the mixture, these I applied to the extremities of the Bleeding Vessels, and a stupa of dry Tow on the end of the Bone, and then other stupes expressed out of the Royal Siptic on these, and over this made as good Bolstering and Bandage as the Part would admit.

Now together with these Means there was good Pressure with the Hand, for without that (in these great *Hemorrhages*) it will be hard to stop, by the best of Restringtons, and this case would not admit of Phlebotomy, being the Man had bled too much already.

This Man had the same Regiment as to Diet and Drink, as is mentioned in the First Memoir.

This Dressing was let abide on 3 Days, and then was dilligently removed, it looked fresh, and now I sprinkled Galens Powder on the Vessels, and placed a Dossel of dry Tow on the Bone, and anointed the Shoulder and adjacent Parts with *Ol. Hypericon*. And a Defensative was applied at a little Distance, it was this

*R. Pulv. Balaust. Flor. Rosar. Rub. Sang.*

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*Dracon. Bol. Armen. Bacc. Myrtill. Ana. ʒij. Ol. Ros. Myrtill. Ana. ʒss. Alb. Ov. N° 1. Farin. Hord. Cribrat. q. s. Misce. Extend. super. sindon. applicetur. and to the wound it self I applied this Digestive.*

*R. Tereb. Cypr. ʒij. Vitell. Ov. N° ij. Ol. Catullor. ʒi. Farin. Hord. q. s. Misce. f. Balsam.*  
This was used on Pledgets of *stupa sicca*, and over it decent Bolstering and Bandage.

Thus it was treated until Digestion was effected, the first digestive was let remain on two days, then it was dressed every day, to vent the matter, but still with the same Balsam, until such time as the Sluff seperated.

Then I added some *mel. Rosarum* to the Balsam, to make Detention, and so dressed until it was sufficiently mundified, And still I washed the Wound with the Spirit of Wine and Honey of *Roses* mix'd, and kept dry Tow to the Bone. About a Weeks time being Lapsed, I made *Vena Section*, for the Man was Young and Phlethoric, and I thought him inclinable to be Feverish; and he had *Enema's* as occasion required, which did good. I now made a Fodus to foment the Part, each Dressing, it was this. *R. Summitat. Absynth. Hyperic. Centaur. Betonic. ana. Mi. infuse in Spt. Vin. Rub. aq. Fontan. ana. q. ʒ. Colat. adde Spt. Vin. Com. ʒij.* A Stupe ex-

expressed out of this was appled now each Dressing, and as one cooled another was laid to, as warm as sufferable.

Then to accelerate Exfoliation, I applied to the Bone Dossels of medicated Lint, as in the First Memoir. This should have been done (I mean the Fetus) in a contused Wound, at first to help on Digestion, but I dar't not do it here, being the heat would have caused Bleeding a Fresh. I kept thus dressing till the Bone cast off which was about 6 Weeks, and then came away some manifest Scales of Bones which could not be got away at first, but now scaled away.

Thus it continued Scaling some each Dressing till all were exfoliated, and the Fertid Sanies became Innoensive and Latidible Matter appeared. Then a Callus with its *Sarcotic Humor* spreading it, was exerted from the Meditullium, which filling the end of the Bone, and Coalescing with the *Labiæ Vulneris*, over spread the Bone with Carne, then leaving off the Medicated Lint, I dressed with a mixture of *Basilicon & Liniment. arcei.* until it was wholly incarned, and at last I Cicatrized by stroaking it with a smooth Allom Stone, and putting a Pledget of dry Lint, and an Implaster of Diapalma with fit Bandage.

## MEMOIR XXIV.

*The Cure of a punctured Wound under the Clavicula.*

A Man, by a Pike was Wounded under the left Clavicle, the Point thereof hitting against the inner Part of the Scapula. He bled much at the Wound, but more inwardly; for he Hawk'd up much Blood, was very Faint, and Breathed difficulty. The Bleeding was stopt by the following Rx. *Pulv. Thur. Sang. Dracon. Mastic. ana. ʒi. Alb. Ov. q. s. Acet. Vini. Parum. Misce.* A short *Turunda* was dip'd in this and imposed, but it had a Filum appending at it, least it should fall in too far, so it was covered with a Pledget, expressed out of *Acetum*, and Compress and Bandage was applied.

Then being he had not bled much at the Wound, I made Phlebotomy in the Arm, which something oblisted the Coughing and spitting up of Blood for present. And now the Man had a Cordial *Haustus* given him to pacifie the Spirits and prevent a Coagulum of the extravasated Blood in the Breast. It was this. Rx. *Aq. Papaver. Erratic. ʒij. Syr. de Sympbit. ʒi. de Ros. Siccis ʒss. aq. Cordial. Frigid. Saxon. ʒvi. sperm. Ceti. ʒi. Misce. f.*  
*Hau-*



*Haustus.* So he was put to repose for this time. But in the Night he spit up much Blood, and when he was dressed next Day, a considerable quantity of Blood came forth of the Wound: So now he had *Vena Section* again, though but small quantity, this much relieved him, together with another *Haustus* as before. So now his Wound was dress'd with this Digestive. *Rx. Tereb. Cypr. ʒij. Vissell. Orv. N<sup>o</sup> j. Farin. Hord. q. s. Pulv. Croc. ʒss. Misce.* The Turunda was armed with this and applied with its Filum as before, and when the Breast and Shoulder had been imbrocated with warm *Ol. Hypericum*, then an Implaster of *Paracelsi* was placed over the Turunda, and so Compress and Bandage was made. Then he had prepared for him, the *Pectoral Pysan* described in the *Pharmacopea Londinensis* of which he drank about a Quartern at a time often in the Day and Night, and in each Draught was exhibited some Drops of *Spt. Sulph.* and he had *Enemas* often repeated, for in these and the inward Means lay the greatest Stress of the Cure.

But finding the Wound to Digest well, and yet Blood still spit up so that several Napkins were wet in 24 Hours; I found it necessary to keep open the Orifice still, to evacuate the Gorie Matter.

For which end I made a hollow Turunda,

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to permit the Matter continually to Issue out, and the Implaster over it was jagg'd for the same Intent; and the Patient lay so as to give the best Advantage for the Matter to come forth of the Wound.

At length I found by the fewer Napkins that were stained in a day, that the inward extravasated Blood Decreased, and in a few Dressings more it was wholly gone; and the Man ceased to Spit up Blood, so I perceived the Prysun and Cordial Julep heal'd inwardly, and *Sanguinis missio*, (a little at a time helped much.) So I omitted the Tent and healed the Wound with a Pledget of *Liniment. Arcei* and a *Diapalma* Implaster over it. And the Patient found himself easy and well every day, so I discharged him cured.

## MEMOIR XXV.

*A Gun-shot Wound and Fracture in the Arm with loss of Substance.*

A Man by a Musket Bullet received a great Wound in the Cubite of his Arm, Fracturing the *Ulna* with loss of Substance, it being shattered to pieces, it was about the middle of the Cubite. But the Radius was not hurt.

I immediately extracted the Shivers of Bones, and all other extaraneous Substance that were there, for the Bullet was gone quite through.

Then to restrain Bleeding, I used this.  
*R. Pulv. Galeni. Pilis. Leporinis. minutissim. Incisor. q. s. Alb. Ov. N<sup>o</sup> 11. Aq. Stipt. Royal. Parum. Misce.* This Mixture I applied on Dressels of *Stupa subtilis*, into the Wound, and a stups Pledget expressed out of the *Aq. stipt. Royal.* over it, round the part. And Limmediately mix'd up a Defensive and applied above the Ancon, about the Humeral part of the Arm; to prevent the Defluxion of Humors, it was this.

*R. Rol. Armen. Sang. Dracon. Pulv. Blaust. Ros. Rub. ana. 3ss. Alb. Ov. N<sup>o</sup> 11. Acet. Vin. q. s. Ol. Myrtell. Parum. Misce. ad consistant. debitum. applicetur.* So made Decent Compress and Bandage, there was no occasion for being Splented, the Radius being whole, nor yet of any extention, but I had placed all as Decorate as possible with the Hand.

The Dressing remained on 48 Hours, that there might be a thorough Restriction of the Blood. Then it was taken off and more Officles and strange Obstacles were taken out, which were not seen at first. And now a Digestive was prepared and applied, when

when the extremities of the Bone were fir covered with *Stupa subtilis*. It was this. *R. Tereb. parum. Zij. Vitell. Unius. Ovi. Farin. Hord. q. s. Ol. Catellor. parum. Misce.* this was used with Dossels, and over it a large Pledget expressed out of *Ol. Hyperic. & Spt. Vini. Misce.* and on this Convenient Compress and Bandage, and the Arm suspended in a Napkin with a Pillow on it, placed easily on the Breast, the Napkin being Pinn'd to the Shoulder.

This Man had that Regiment of Diet described in the first Memoir, with *Enemas* as occasion served, and now was let Blood, to prevent ill Symptoms. I continued this kind of Dressing for twice; but not seeing *Digestion* so kindly as I would have it, I added to my Digestive, *Ol. Tereb. parum. Pulv. Croc. Anglican. 3i.* and when the Dossels were armed with this, I dipt them in hot *Ol. Lumbricor.* and so applied them, and a stupe Pledget was armed with the same and laid over them, because of the great Contusion and Dissipation of the Spirits. The rest of the Forinfecus were all as before.

And to further Digestion the more, and soment the Work kindly I used this Fetus. *R. Summitat. Hyperic. Centaur. Absinth. Fol. Laur. Rosmar. ana mi. aq. Font. Bxiij. Decott. Colat.*



*Colat. adde Spi. Vini. Com. lbij. f. Foment.* I applied stupes of Flanel expressed out of this, the part which contributed much to recollect the retracted Spirits.

And beside Danger of Bleeding being now past; I washed the Fractured Parts with warm *Tinctura Ossifica*, (id est) *R. Myrrh. Elect. ʒij. Aloæ. Succotrin. ʒi. Pulveriz. Spi. Vin. ʒiij. Croc. Angl. ʒij. f. Tinctur.*

By thus dressing of it, Laudible Digestion was soon effected, and then by the Addition of *Mel. Rosar.* together with *Pulv. Aristoloch. Rotund. & Irid.* of each a little, to the Balsam, convenient detersion was made. And now the Bone had the medicated Lint applied unto it, and the Parts about after Fomentation was embrocated with *Ol. Hypr. & Chamo.* mixed and warm.

And over the Pledgets and about the Part was now applied an Implaster of *Diapalma* and *Ol. Rosar.* mixed, as a *Lipara*.

I had like to have forgot one Passage, but 'tis not too late now to insert it. After the third Dressing I found the Wound too narrow to dress the Bone as it ought to be, for there was near half an Inch of the Substance missing, and a large Vacuity between the two Extremities, so that I was forced to dilate considerably to make room for my Applications, I should have done this at first but was in a hurry.

Thus

Thus I treated it until the Bone exfoliated, which was about 40 Days from the first, at what time there came forth many manifest Scales and Fragments with a Goriesanies and Foetid.

At length the Callus shuted forth from the Meditullium, and filled the whole Vacuity, adhered to both Parts joyning them, and assimilated as Bone; then a Carne grew over, and with *Liniment. Arcei. & Basilicon* mix'd. I incarned the Wound, and at last Cicatrized it with *Ungt. Tutia.*

## MEMOIR XXVI.

### *A Stab in the Back by a Stiletto.*

Being in Spain a Spaniard with his Stiletto stabbed one of our Men in the Back, the Point of the Weapon was struck in at the *Spina dorsi* but hurt not the *Medullam*, nor Penetrated to the entrails, but glancing by the Bone went no deeper then the *Plura*. I found it so by the Probe: as also by his not Coughing up Blood, as those do that have Wounds penetrating any inward Part above the *Diaphragma*. Being ashore I had no restringents about me, but I sent immediately to a Carriers hard by for some of

his *Corij. Raspati*, wherewith I stop'd the Blood instantly by applying it with a Dossel of Lint, on this I put a Compress and made Bandage with the Man's Neckcloth for present, the Man lay on shore that Night, and so did my self too by Order.

The next Day taking off the Dressing; I stuped the Part well with hot Red Wine, and applied into the Wound a Turunda armed with hot *Balsamum Hispanicum*, as well to digest the Wound as to keep it open, least it should be worse in the bottom then I could forsee over this, (when I had embrocated the Back with *Ol. Hypericum*.) I applied an Implaster of *Diapalma Molaxed* with *Ol. Ros.* as *Lipara* and so made Bandage.

The next Day after this, I perceived the Man was Hearty, and Symptoms whereby to suspect any Danger inwardly. I stuped it with hot Red Wine, and injected by Syringe, warm *Spt. Vini.* and so dress'd it up with the Spanish Balsam as before, and the *Diapalma Lipara*, and so bound it up. And by thus dressing two or three times more, the Wound healed up, and was Cicatrized with *Ungt. Tutia.* (as is usual.)

## MEMOIR XXVII.

*An Apostem in the Axilla Cured.*

**A** Man having a Phlegmon rising in the Arm-pit, had been both Bled and Purged for it, but to no Effect, for it grew still more hot and Tumid. I considered it was not fit to apply Repellents in this Case, especially in such a Part as in the Emunctory of the Heart, so I endeavoured to suppurate it with all speed, to which purpose I prepared this following Cataplasma. *R. Farin. Cem. lini. Fenugr. ana. ʒss. Pulp. Fic. Rad. Lillior Alb. ana. ʒij. Ol. Lillior Alb. ʒiss. Coque in Lact. vaccin. q. s. ad Consist. Catapl. extend. applicetur. repetatur sepius.* This soon brought it to Maturation. Then I opened it by Incision, and let out abundance of Corruption. After this I deterged it with this Injection. *R. Mel. Rosat. Spt. Vini. Ana. ʒij. Misce.* It was used warm with the Syringe, and the Orifice was kept open with a short *Turunda* dip'd in the same Emulsion. Against the next dressing I prepared the following Deterfive Balsam. *R. Tereb. Ven. ʒij. Farin. Hord. Cribat. Pulv. Irid. Florent. Thur. Sarcocolla. Ana. ʒij. Mel. Rosat. ʒijss. Misce. f. Balsam.* This used warm on Dressels



sels both mundified much, and incarned something, Being continued for two or three Dressings.

Over which I still made use of the Cataplasma, to digest the remainder of the Basis, that is usually longer Crude and hard.

Being well D.terged, I made my Balsam more Sarcotic, thus, *Rx. Tereb. ʒi. Resin. Abiet. Thur. Mastic. Aloæ. Ana. ʒj. Sarcocol. Myrrh. Ana. ʒss. Vitel. Ov. q. s. Misce.*

This Balsam in a few Dressings incarned the Ulcer, it was applied very warm, and being this part admits not of a hard Implaster; instead thereof I applied this *Lipera. Rx. Axung. Ovin. ʒij. Ol. Chamo. ʒij. Medull. pan. Alb. ʒss. aq. Plantag. q. s. Coque ad Consumpt. aquæ. Misce. f. Lipara. Extend. Super. stupa applicetur.*

By these Means the Cure was in about 10 Days effected; so I made *Venæ Section*, and dismissed the Patient perfectly well.

## MEMOIR XXVIII.

### *A Panericium Cured.*

A Maid having a very Painful Panericium at the root of the Nail on her Middle-Finger; had this applied to it. *Rx. Resin. Pin.*

*Pin. ℥iij. Ol. Chamæ. 3vi. Dissol. ad Ignem. adde Axung. Ovin. ℥iij. Medull. Pan. Alb. q. s. Misce. f. Lipara.* This was repeated as often as necessary, until it broke and run; then a little *Pulv. Alumen. Ustum.* was placed on a Pledget, and applied under it to the sore, which is indeed a little Painful at first, but really Answers the Intention, for by its Siccity it dries up the Ulceration, and is Specific in this part. So I let the Patient Blood, and gave Colagogue Purge to prevent more of these troublesome Sores, this being Cured, but the Nail wasted off gradually.

## MEMOIR XXIX.

*A Wound in the end of the Finger cured.*

A Man had by an Edge-Tool his Fingers split in two parts, the incisure was wide and the Pulp strutted out, as it had been Superfluous Flesh, and it was swelled much. Some body had applied Basilicon on a Dossel into the Incisure, and had put a Diapalma Implaster about the Part, but it grew worser, and the Patient was in great Pain with it. Coming to me, I forthwith Bathed it well with warm *Spt. Vini.* then strewed *Pulv. Alum. Ust.*

Ust. in the Wound, and Pulpy Part that Turned out, and then dip'd a Pledget of Lint in the same Powder, and shaked it off again, and applied to the Wound as far as it was moist, and over this and all about the Finger I wrapped a Diapalma Implaster tempered with some Drops of *Ol. Rosarum*. So made Bandage, and caused the Man to suspend his Hand in his Bosom, and not to hang it down.

The Man had some smart and Pain for a small time, but it was soon over, and the exceeding sicciry of the Powder absumed the Humidity, and being opened and dressed again three Days after, I found it almost healed, so I srewed a little more Powder thereon, and put a Pledget of dry Lint on that, and a Diapalma Implaster all about, with a Thumb-stall over all, with which Means the hurt was Cured in little more then a Week's time.

Some may think this was the way to make a Sore, rather then heal it, being the Medicine is Corrosive: But the letting it stay on a long time, tempers the Humidity so, as that Nature hath opportunity to Sanesce the Wound, as soon as the Powders Corrosive Faculty had acted his Part; and in Pulpous Parts, such as the ends of the Fingers or Toes are, I have had frequent

Ex-

Experiences hereof, as also about the Nails.

## MEMOIR XXX.

### *A Frunculus on the Finger Cured.*

A Woman having a raging Frunculus, on the Joynt of the Middle-Finger, inflamed and throbbing violently, insomuch as she was in a fever with it, and had no rest Day nor Night, and others of them were beginning on the other Hand, (for seldom doth one of these come alone.) The Tumor was in the lacrease, therefore I was willing to endeavour its Discussion rather than Suppuration, being it was in an extream Part and not in an Eminentory.

I first Stup'd it well with warm Lotium, then applied this following Cataplasma unto it. *Rx. Pix. Arida. ʒij. Butyr. Recent. ʒi. Dissol. Supr. ignem. adde Farin. Tritic. ʒss. Lotium. Furventis. q. s. Coque ad Cataplasma. extend. super sindon. applicetur.* This being repeted but twice, and Phlebotomy Celebrated, and a Purge administred, cured the Patient of this Vexatious Fruncle, and of the others that were beginning, without coming to a Head and Breaking.



MEMOIR XXXI.

*An Impetigo Cured.*

A Young Person had a Troublesome Impetigo on one Hand, and Shingles almost round the Body, he had been attempted to be cured by common Means, but unsuccessfully; coming to me I cured him as follows. First, I used *Sanguinis Missio*, then purged the Body with *Electuar. Cariacostim.* ʒss. at a time, which I repeated twice in his Cure. Then Locally I used this Unguent.  
*R. Calomel. Levigat ʒij. Sacch. Saturn. ʒi. Minium. ʒiij. Ungt. Alb. Camphorat. ʒiij. Misce. f. Enchrists.* with this he was embrocated cold often in the Day where the affects were, and Linteola's were armed therewith, and placed on the sore Parts, by these Means the Person was Cured in a small time.

MEMOIR XXXII.

*The Herpes Cured.*

A Man having a *St. Anthony's Fire* on his Breast, the violent heat there of causing  
*Pustulae,*

*Pastulae*, fretting the *Cutis*, and spreading still wider, and eating deeper in the Subjacent Flesh, which when Ulcerated it assumes the Title of *Herpes Exedens*. I first Bathed the Parts well with warm Spring Water, then Embrocated them with the Herpetic Unguent, described in the foregoing Memoir; and where the Ulcerations were deep I armed Lenteolas with the Unguent and applied them. The Man had *Venæ-Section* often repeated, and was purged with proper Chologogues, by which Means he became well in a little time.

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### MEMOIR XXXIII.

*Scabies, Pruritus and Pthiriasis Cured.*

**D**ivers Persons at Sea, and indeed at Land too, being troubled with these vexatious Evils, I cured by the Means following:

First, they were Purged with the best of General Catharticks, with which was mixed *Calomel. gr. 12.* whether it were Pills or Boluses. These were repeated twice a Week, they had also *Venæ Section* as often as necessary, then I caused them to Bath in Salt Water, (and that every Day,) as warm as

suf-

ufferable, or according as the Distempers were more or less Violent. Then they were anointed with the *Herpetie Unguent* as in the 31st. Memoir foregoing, so by this Means carried on for some time, the Persons were cleared of Scabs, Itch and Vermin all vanished away, and the Patients became well.

MEMOIR XXXIV.

*A Violent Pain in the Shoulder by Cold, Cured.*

A Man having got a Cold in his Shoulder whereby it Ached and Pained Day and Night, so that he had no rest. It possessed the upper part of the Os *Humerus*, and the head of the *Scapula*.

I first Bathed it with hot *Spt. Vini*. to open the Pores of the *Cutis*, then having heard of the Virtue of the Famous Balsam of *Catby*, but not having yet proved it (in these Cases) I was resolved now to try it. But the Man being in exceeding Torture, I was willing to mix something with it that I had experienced before : So I did this, *R. Balsam. Catb. Ol. Succin. ana. ʒij. Misce.* Therewith I embrocated the Grieved Parts as warm

warm as tollerable, and at the very first Anointing, the Man found much ease, and at two or three more, was perfectly well.

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### MEMOIR XXXV.

*An Arthritis in the Wrist of the Hand Cured.*

A Woman having an Arthritis in the Carpus swelled, and raging to an unsufferable Degree, was thus Cured. First, I made *Venæ Section*, then stiped the Part with hot *Spt. Vini.* and after that I embrocated it with the Ache Balsam as in the foregoing Memoir, than which I believe there is not a better, Provided the Gout be Recent and not Confirmed and Knotted. I have proved it often since, and found it to exceed all other things, not only in the Arthritis but in all other raging Pains and Aches especially those got by Cold.

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### MEMOIR XXXVI.

*A Cure of a Frunculus by Suppuration.*

A Man having a great Apostume breeding on the side of the Belly, with intol-

rabl



able Pain and Inflammation, I resolved to suppurate it, because Venemous Boyles ought not to be repelled in that part: To which end I prepared this Cataplasma; *R. Mucilag. ex cem. Alibæ. Lini. Psyllij. ana. ʒiss. Farin. Hord. ʒij. Ol. Li. ior. Alb. Axung. Galin. ana. ʒi. Butyr. recent. ʒss. Vitell. Ovi. q. s. Pulv. Croc. ʒi. Misce. f. Cataplasma.* This duly repeated brought it to a head at a few Dressings, insomuch that in taking off the Cataplasma, the Frunculus broke, and a great deal of Matter pushed out. However to perfect the Digestion of the hard and inflamed Basis, I applied the Cataplasma once more, and bound it lightly on, so that it run abundantly that Night. The next Day I deterged it with the following Emmaton, with which I Syringed it. *R. Mel. Rosat. Vin. alb. ana. ʒij.* This was injected warm, and then a Dossel on a soft Turunda was dip'd therein and applied into the Ulcer, and now a large Implaster of *Diach. Gum.* was laid over it, and so decent Bandage was made.

After a Dressing or two thus; I used the Balsam following. *R. Tereb. Cyperi. ʒij. Farin. Hord. Cribrat. ʒi. Pulv. Thur. Irid. aristoloch. rotund. ana. ʒij. Mel. Rosat. ʒiiij. Misce.* Now when the Ulcer had been first washed, I applied this Balsam into it on the Turunda,

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and over it this Lipara following. *Rx. Adeps vitulin. cervin. ana. 3ss. Axung. Anseris. 3ss. Tereb. Cbio. 3vi. Cera Flav. q. s. Misce. f. lipara.* This I applied, for harder Implasters were not so convenient, and by two or three of these Dressings, the Ulcer was not only sufficiently mundified, but well disposed to incarn. So I now dressed it with warm *Basilicon* on the Dossel, and a *Diach. cum Gum. Implast.* which soon Cured it, at last it was Cicatrized with *Ungt. Tutia.*

## MEMOIR XXXVII.

### *A Phlegmon in the Groyn.*

**A** Man about 38 Years of Age, having had a Fever and Ague for some time, at last it fell down by a Crisis into the Inguen, raising a Prodigious Tumor which inflamed and became exceeding vexatious. I applied this suppurating Cataplasma. *Rx. Mucilg. ex Rad. lillior. alb. Althææ. ana. 34 Farin. Trit. 3ij. Axung. Porcini. Anseris. ana. 3iss. Pulp. fic. ferment. veter. ana. 3i. Croc. 3i f. Catapl.* This applied warm and frequently soon ripened it. Then I opened it by Incision in the most declining Part, and having let it run sufficiently, I Syringed it with

with the Lotion of warm White-Wine and Hony of Roses. And used the same Balsam and Lipara, as in the foregoing M. moir

This Man was let Blood, and purged twice in the time of his Cure, with the Infusion of *Senna* and *Rubarb*. So by these Means he became well.

## MEMOIR XXXVIII.

### *A Hydrops Mesaraicus Observed.*

I Never saw, nor heard, nor yet read of such a stupendious Hydrops, as this I am now going to observe unto you, until the Year, 1704. A Gentlewoman aged about 32 Years, a Married Woman, and Mother of Children happened to be affected with a strange kind of Dropsy, and no body could discover what Hydrops it really was. The Venter only was Tumified as it had been an Ascites, but being Pulsed on, did not fremit as such, nor being touch'd, did it sound as a Timpany, nor did the Legs Turge at all, so that Physicians that saw it, knew not what to make of it.

Midwives thought it was a Mole, and Surgeons Judged it a Carnous Substance,

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but could not imagine from what Part it Generated; in short, all were at a loss about it.

This Gentlewoman had a Windy Rupture from her Youth, and it was still a Grief to her at certain times, and some thought this Tumification might arise from that.

Whilst the Tumidity increased, there happened an Apostem to arise in the Inguen, which suppurated and broke: then both her self and Relations suspected her Husband had given her the foul Disease; and a Surgeon Fluxed her for it, but without Success, for she grew worse and worse. She had the Advice of many Physicians, and took many things of their Prescriptions; as likewise of a Woman that followed her with Powders and Bottles of Drink, but all to no purpose, she still swelled more and more, and at last to a Prodigious Magnitude. It was three Years from the beginning of it to this time, that I saw it, there were on the *Venter* great black Veins, (especially two) like Leaches, one of which burst, and a considerable Quantity of Blood flowed out e're it was stopp'd, and the other was expected to burst every Day, but did not whilst she lived.

But the *Cutis* being stretched to its utmost extent erupted, and the Part Ulcerated  
wider



wider gradually, and was dressed only with *Butyr. recent.* Compress, and strong sweathing was made, least the Bowels should effuse, this Eruption was about the place where the Navel should have been: for the Umbilical Part was descended down over the *Fæmines* by the weight of the Bulk within.

The Gentlewoman was sensible she should dye of it in a little time, therefore willed that after she should be dead she might be opened, that it might be seen what the Distemper was she dyed on, and in about 4 Days after she dyed, and accordingly was opened: My self was not concerned, but being a near Neighbour, had inspection all along from the time I first saw it, she asked me if I thought I could do her any Good, but I Ingeniously confessed I knew not her Distemper, and was not willing to Tamper with what I did not understand. But opened she was. The *Cutis*, and Muscles of the *Abdomen* and *Peritoneum* being intersected all seemed right, and so did the *Omentum* too, (only the wide distension excepted.) But now in the place where the Bowels should be, there lay a wonderful immense *Cystis* (or rather *Sacchus*) full of Water. Now this as it filled and increased in Greatness, pressed the *Viscera*

out of their Place : Close up to the Back and Sides, and had thrust up the Liver and Ventricle with the Diaphragma before them, upwards into the Sinus, where the Heart and Lungs should be. And the Lungs were pushed under the Arm-pits, and the Heart turned up towards the Throat, and by the Pressure was become flattish, and the Matrix was depressed down into the Pelvis, this vast Saccus possessing all the space where these *Viscera* should have naturally abode.

In the next place this Cystis was opened, and a Vessel containing ten Gallons, was filled brim full, with Limpha that was therein (and some to spare, which was received into another Vessel.)

The Thickness of this Membrane or Saccus, was about that of a half Crown, strong and Tenacious, so that the Peritonæum should sooner give way, then that should burst. It had the Advantage also of the unctious Omentum, stretching out upon it.

Now with inside of this Saccus and springing from it, were innumerable smaller Cystises, full of the same Lympha, and a multitude of larger and smaller Glands appeared in this Membrane, and adhering unto it.

It was next considered what the Substance

stance of this vast Cystis was, and it was found to be the Mesenterium, or Membrane that fastens the Viscera to the Back, and one to another, spreading it self in the middle of them.

This Membrane consists of two Tunicles, between which are innumerable *Venæ Mesentericae* and Lacteal Veins and Lymphatic Vessels, these last convey their Lympha to these Glundulas, which prepare it farther, for the use Nature assign'd it, the greatest of these Glands is the *Pancreas*, others are large, and the rest small, and these Lymphatic Vessels arise from the Liver.

Now if these Glands be obstructed the Lympha cannot Circulate, but the Lymphaducts still filling, at last burst, (for they have but one Tunicle, and that very Tenuin.) And this was the Case here.

So the Lympha extravasating into the foulds of the Mesenterium between its two Tunicles, fills it by Degrees, and having no passage out, turgeth it as it did here, and at length groweth vastly large displacing all the Viscera, and possessing the whole space.

Now I have observed this miserable Disease unto you thus far, I will refer to Learned Physitians to find out means to remedy it ; for my Part I as yet know of none.

Some proposed Tapping. But there was another Woman at the same time had the same Distemper, and was Tap'd for it : But when part of the Water was Discharged, and the rest designed to be extracted by Degrees ; that which remained became Corrupted, and there came forth such a Noysome stench that the Surgeons could not endure it, and the Woman dyed speedily, this discouraged the Tapping of the other.

And indeed it cannot otherways be imagined, for as the Water decreaseth, the Cystis falleth from the Orifice of the Tap in the Peritonæum ; and sheds its Lympha into the Cavity of the Abdomen, so there Will of Necessity be Putrifaction of the Lympha and Mortification of the Cystis. This highly deserves the maturest Consideration of Physitians, there are doubtless new means revelled, as well as new Diseases manifested in every Age.

### MEMOIR XXXIX.

*An Elephantiasis over the Breast and Back, and Inmifaction of the Testiculi.*

**A** Man who had an Ague for a long time, at last when it left him (as he said) he broke



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broke out in Scabs all over his Body, and about a Month after that, a Humor fell down into his left Testicle which turg'd it prodigiously, and the Scrotum inflaming and itching, and he Scratching it, a hot Humor issued from it. Then he came to me. I judg'd it was Siphilic, but he would not own it.

In the first place he had Phlebotomy Celebrated, and repeated again about a week after. He was Purged three times with *Amarum Decoctum*. *R. Summit. Centaur. Flor. Chamo. ana. Pug. j. Rad. gentium. Senna. ana ʒij. Cem. Card. ʒi. Decoct. in Aq. Font. q. s.* After this I caus'd him to Bath himself every Day in very warm salt Water. And after this he was anointed with the *Herpetic Unguent*. *R. Calomel. ʒi. Minium. ʒij. Sacchar. Saturn. ʒi. Ungt. Alb. Campb. ʒiij. Misce.* this was embrocated all over where the Scabs were, as also on the excoriated Scrotum, (which it soon healed,) but the Elephantiasis, and tumified Testicule, proved stubborn.

To the Testiculus I applied this Cataplasma. *R. Farin. Fabar ʒij. Pulv. Cem. Cymmin. ʒi. Lac. Vaccin. q. s. f. Catapl. applicetur.* This frequently repeated, something dissolv'd the Tumidity, but the Elephantiasis was obstinate still, and seem'd to grow more confirmed, so I applied Vesicatories, of Im-

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plast. Epispastic on the Scabs which caused abundance of Humors to issue forth, which I kept running for a good Space, dressing with Implast. of Melilot. simplex. and inwardly gave him this. *R. Precipitat. Alb. ʒi. Electuar. Lenitiv. ʒj. Misce.* To be taken over Night, and in the Morning Purged it off, with this. *R. Pil. Exduob. ʒij.* So by the frequent Repetition of these Means, I cured the Patient.

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### MEMOIR XL.

*A Venereal Bubo in the Inguen, with Chancers on the Glans Cured.*

**A** Man Aged 26 Years had a Siphylie Bubo rising in the Inguen, and some small Ulcerations on the Glans about the Frenum. I applied an Implaster of *Diach. cum Gum.* on the Bubo, and washed the Chancers with *Egyptiac. & aq. Plantaign.* *Misce.* it was used warm.

I gave the Man his Liberty as to Drink as he used, because the Distemper might come out: I neither Bled nor Purged him as yet, least it should hinder Suppuration of the Tumor, and recal the Contagious Humor inwardly, so as to mix with the Blood.

So

So that Tumor increased and I endeavour'd its Maturation as speedily as possible, and to that end I applied this Cataplasma:

*Rx. Mucilag. ex. rad. lillior. alb. ʒij. Axung. Porcin. ʒij. Pulv. Croci. ʒi. f. Catapl.* this being used and perceived too weak, and the Cause requiring hast, I added to the next Application, *Ferment. Veter. & Pulp. ficuum. ana. ʒij.* this suppurated it speedily being repeated warm, so I opened it by incision, and let out a grear deal of Corrupt Sanies. I Syringed it with *aq. Plantag. & Flor. Egyptiac misce.* and warm: and applied a Dossel into it, arm'd with *Basilicum Precipitat Rub. Misce.* and over an Implaster of *Diach. cum Gum.* for the Basis had been throwly ripened by the Cataplasma before. From this time I began to Purge the Patient with *Pil. ex duob. ʒij. Calomel ʒi. Misce.* this every third Day, and sometimes with *Linitive Electuary ʒi.* and the Calomel mixed with it. And now I prepared for him the Diet of *Sarsa. & Guaic.* to drink constantly and forbid any more Capital Liquors: It was this:

*Rx. Guaic. rasp. ʒiiij. Cortex Ejusdem. ʒij. Sarsa. Scind. ʒij. Corn. Cerv. Ras. ʒi. Rad. Chin. intis. ʒi. Liquorica. Contus. ʒv. Decoct. in aq. font. lb xvi. Decoct. parum. sidit. decant. Servit. ad usum.* To be drank frequently,  
Dose.

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*Dose.*  $\text{℥ss.}$  at a time warm, and when the Ulcers was deterging, I made *Venæ Section.*

The Ulcerations on the Glans, healed in a little time, but that in the Inguen was longer, it was about 6 Weeks e're I could cure that, at which time I gave him a Sweat or two besides the Diet, to expel the Reliques of the Disease; it was this:  $\mathcal{R}.$  *Panacea. Mercur. Diaphoretic gr. 10. Antimon. Diaphoret. gr. 15. Theriac. Androm. 3i. Misce f. Bol.* This sweat him notably, and the Man became well, after two or three Sweats.

## MEMOIR XLI.

### *A Siphylitic Gonorrhœa Cured.*

**A** Man Aged about 28 Years had a Siphylitic running for about sixteen Weeks standing: which had reduced him very weak, and he had undergone much Misery under an Ignorant Hand who pretended to cure him, but knew not how. He came to me at last; I asked him what had been done to him in order to his Cure: he told me he had been Bled and Purged very often, but it seems not successfully, it had rendred him weak, so that he could scarce go, but the running continued violently, so that he had some-



something given to stop it; but instead of that it grew worse, inflaming the Part and Pricking in the Urethra. I took this following Coarse with him. First I Purged him with, *Rx. Pil. ex duob. ℥ij. Calomel. gr. xij.* which was twice repeated, leaving two days between each Dose.

And to the part it self, this Injection was used. *Rx. Aq. Plantag. ℥iiij. Troch. Alb. Rass. ℥ij. misce.* it was injected by Syringe, warm: but this being followed for some time, and proving ineffectual, by reason the Matter or Gleet was virulent and malign, of a yellowish Colour, and abundance ran from him Day and Night.

Therefore I put now to the same quantity of the *Pil. Calomel. ℥i.* and to the Injection I added, *Pulv. Vitriol. Rom. gr. iiij.* shaking it well in the Glass, which was injected frequently. This speedily healed the Exulcerations within, and put a considerable stop to the running. But now to effect the Cure more Powerfully, I prepared this. *Rx. Tereb. Chio. ℥ss. Vitell. Ovi. Unius. Misce. adde aq. Plantag. ℥iiij. Agitat in Vitrif. Hæustus. Sumat. mane & vespere.* I used this twice, but still there was some Efflux. So to the third Dose I added *Land. Liquid. Cydoniat. Gut. 40.* this together with the Injection stopt it effectually, so that it continued

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nued well, and the Man was satisfied he was perfectly Cured. It was the Laudanum in the Haustus, and Vitriolum in the Injection that principally did the Work.

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### MEMOIR XLII.

#### *An Inveterat Siphylis Cured.*

A Man aged 42 Years had the Siphylis to a high Degree, had been affected with it a Year and a half, he had Nocturnal Pains and Nodes, and Ulcers in divers Parts of his Body, Limbs and Head, and what with this Torment, and the Medicinal Course he had undergon, the Man was become Macilent and Languid.

But notwithstanding the manifold Bleedings and Purgings he had already sustained; I resolved to begin my Cure with Lenient Cathartics, to make Preparation for Salivating. It was the Infusion of *Senna* and *Rhabarb.* in the Dose of which I mixed *Syr. de Spin. Cervin.* 3i. it was taken in the Morning Fasting, and it work'd well, and another like Dose he had the second Morning after, and drank a Dish of warm Tea after each Motion.

The Body being thus prepared I raised the

## Chyrurgic Memoirs. 87

the Salivation by Uñction, thus: *R. Argent. Viv. in Tereb. extinct. ℥iiij. Acung. Porc. ℥viij. Ungt. Nervin. ℥vi. Misce. exquisit. f. Unguent.*

With this (having thin Bladders on my Hands) I anointed the Patient cool, not warming it. He should have anointed himself with his own Hands, but because I would have it well done, I did it my self.

It was in the Morning I began at the Soles of the Feet, and so up the Legs, Thighs and Hips, also the *Spina Dorsi*, Shoulders, Arms and Hands, but not Head, Breast nor Belly, but as soon as ever the Parts were anointed, I Clothed them, as the Legs with the Stockings, the Thighs and Hips with the Trousers, and so of the rest to keep warm. His Shirt was Flanel, and a warm Napkin about his Neck fastened to his Cap, and about his Chaps before.

And so he was put in his warm Bed, and had a Drink of warm Possit Ale, to put him in a Breathing Sweat, and having kept there about three Hours, he was had up again, but kept warm, that he might take Sustenance, which was of a Fowl and its Broth.

At Night he was anointed again as before, and likewise the next Morning, and the Night following.

But then finding the Salivation loath to arise,

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arise, I gave him *Turb. Min. gr. xij. in Conf. Borrag. 3i.* and a Draught of warm Possit Ale after it, it work'd well: The which Day his Chaps began to swell and his Mouth to be sore.

After this the Salivation arose to a competent hight, and I prepared him this Gargarisma.

*Rx. Aq. Hord. lb ij. Rad. Glycyrrhizæ. Contus. 3iiij. Decoct. Colat. adde. Mel. Angliæ despumat. 3iij. Misce.* With this he Gargled the Mouth and Throat often, and when he could not do it himself, his Nurse did it for him, and sometimes I did it my self with a Syringe. Sometimes he washed his Mouth with warm Milk, which eased much, besides he had a Linteolum rouled, which he held between his Teeth to keep his Mouth open, in time of Salivating, as also a Spitting Pot, so that it was known what quantity he Salivated in the Day and Night, which was three Pints a Day at first, and at last two Quarts, to which stent I held him, for when it grew Languid, through Cold accidentally taken, he had a warm Enema Injected, which caused him to Spit the better, or if a Looseness happened, he had *Diascordium*, or *Laudanum* given to stop it. And when Languor or Fainting seized, he had *Vin. Ust.* or *Aq. Theriac.* for  
Cordials,



Cordials, if stipticy offended, then a suppositary was used, so that every way he was well managed.

Thus he continued spitting, and kept in the warm Bed for 21 Days, about which time the Nodes dissolved, the Ulcers dried up, the Scurf and Serpigenes shelled off.

Now any Reliques Nodes or Ulcers that remained were anointed with the Herpetic Oyntment, described in the 31st. Memoir, and so became healed, and by this time the Salivation decreased, so that he spit little, and now a small quantity of Possit Drink served. By the 25th Day the spitting wholly ceased, and I gave him a gentle Purge of *Senna & Rhubarb*, which confirmed that Part.

And now for as much as the lesser Species of a Siphylis can scarcely be Cured without good Sweating, (through the Cuticulares Meatus) I prepared him the two sudorific Decoctions. *R. Guaic. ras. ℥vi. Cort. ejusdem ℥ij. Sarsa. Scindit. ℥iiij. Rad. Chin. Glycyrrhizæ. ana. ℥ij. Corn. Cerv. Ras. ℥i. infus. per Noctem. in Aq. Font. ℔ xvi. mane decoct. ad tertia Part. Consumpt. sub. Finem. adde Passi. Solis. ℔ ss. Coque parum servit ad usum in Vitrio. Bene Claus.* of this he Drank Mornings and Nights, at least ℔ ss. at a time warm. Then the same Ingredients Decocted

Decocted over again in lb viij. of Water, was for his ordinary Drink, (for I allowed no other) except ordinary Beer at Victuals. But to extirpate the Root of the Distemper more Powerfully, I prepared, besides this, the most excellent of Diaphoretics to be taken at Intervales. *R. ℞. Diaphoretic. Bazar. Miner. Corn. Cerru. Ust. Gum. Guaic. ana. gr. x. Theriac. andromic. ʒi. Confect. Alcherm. ʒi. Syr. Cariophil. q. s. f. Bol.*

This is a powerful Sudorific, and a great Antivenereal, it was taken every other Day for 6 times, and after every Dose a Draught of the Sudorific Decoction was drank warm, to set it a Working. Once a Week I gave him a gentle Cathartic, of *Senna & Rhabarb*, and then the Decoction again; so in a few Days more he found himself perfectly Cured, whereupon I opened him a Vein and Discharged him. But after all it was longer e're he paid me, then I was in curing of him.

## MEMOIR XLIII.

*A Siphylic Caries on the Cranium, and a Node on the Crea, cured by the Tergiversate way.*

A Man about 28 Years Old applied himself to me, having had a great Pain in his Head for a long time, which at last turned to a Tumor, on the Mesocranium. A Surgeon had Bled and Purged him, and had anointed the Tumor with what he thought fit, and having shaved the Head, had applied an Implaster, but it did not avail: he opened it by Caustic, and dressed it with Basilicon, but this did not do neither. It became a sordid Ulcer. The Man came at length to me, and desired me to look on it, and on a Tumor he had on the Crea of his Leg, which he had not shewed the other Surgeon.

I perceived they were Siphylic Symptoms, and that on the Mesocranium was a Phagadænic Ulcer, and on the Crea was a Node.

I examined him accordingly, and he told me, he had the running of the Reins, a quarter of a Year before, which was stop'd by a Woman Doctress, and that about a Month

Month afterward these Ailments came upon him. In searching the Ulcer on the Head, I found it to be with Caries of the Bone. I told the Man it was the Veneral Disease and must be handled as such, else I could not undertake him, the Man was willing to it, so I purged him with the Infusion of *Senna & Ruburb.* to make Preparation for Salivation.

As to the Head, the Ulcer abounded with Foetid Matter, and was Jagged about the Lips, which hung over a Fungus flesh that possess'd the middle of the Ulcer, (the right Signs of a Phagadæna) I made round Incision as far as I Judged the Caries to spread, and I separated the Jagged Lips of the Ulcer, as also the Spongyous Flesh clear from the Bone, which was very rough through rottenness, it was about the breadth of a Shilling. I let the Incisure bleed Plentifully, then Dressed it up with a Dossel of *stupa sicca* for present. For a Chyrurgions Part externally in Caries Bones, is only to keep them dry from Gleet or Air; for Nature together with internal Medicines will do the rest, so I clap'd a Compress thereon, and made Bandage; as for the Node, I only Bathed it with a Decoction of *Rad. Althææ*; to Palliat in some measure, for I knew that my internal Antivenereals must do the Work. So



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So at Night I (having prepared his Body before) gave him this: *R. Calomel. ʒi. Conf. Borag. ʒi. Misce.* to dispose the Humors for a stronger Preparation of the same Nature which I designed to exhibit; but the Man prayed me (if possible) to cure him without Fluxing, because his Relations should not discover his Distemper, for he had told them it was the Scurvy. I said it was hard for me to do so, but I would endeavour it to save his Reputation.

In the Morning, I dressed the Ulcer again, and applied to the Bone, which was deeply Caries and Black; a Dossel of dry Tow, that had been medicated in the Ossific Tincture, described in Memoir 1. and to the *Labia Vulneris*, I put a Pledget armed with the Digestive, *ex Tereb. & Vitel. Ov.* and so bound it up.

And now I gave the Man this following: *R. Turb. min. gr. xij. in Conf. Ros. ʒi.* this worked with him both ways, he had 6 Vomits and 4 Motions downwards, the next Day after he felt something of stiffness in his Chaps, and his Mouth began to Pain him.

Then to prevent Salivating (which I knew would follow suddenly if not Anticipated) I gave him a Purge. *R. Corn. Cornichin. Pulver. ʒss. Electuar. Limitiv. ʒss.*

*Misce.*

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*Misce.* This Operated with him 12 times, all downwards, carrying off a great deal of Filth.

This having done working, I caused him to Gargle frequently with some of his *Possit Drink* and Hony of Roses mixed, and sometimes with Milk, which contributed much to keep off soreness.

He also had Enemas often exhibited, to defend the Guts from Excoriation and Inflammation by the *Turbith Mineral*. (for if the Business is not rightly managed, either the Fauces or the Anus will be sore) The Clyster was, *R. Lac. Vaccin. ℥j. Syr. Ros. Solut. ʒij. Misce.* Injected warm. These Means check'd the Violence of the Turbith, and revelled downward.

Two days after, I give him a Dose of *Turb. Min.* again. *R. Turb. Min. gr. viij. in Conf. Borag. ʒi.* in order still to put the Blood in a higher Fermentation and Disposition to throw out the Contagion. with its own infected Cerum as the Vehicle thereto, this operated well, and caused the Chaps to begin to Huff again.

Then to Subject it I exhibited the same means as before, *viz. Catharticks, Enemas, Mouth, Lotion, &c.* So using both these means (*Vicissim*) until the Purgings Coarse was sufficiently effected, terminating at last wholly downward. This

## *Chyrurgic Memoirs.* 95

This Tergiversate way, I followed for about 3 Weeks time, then Symptoms begun to Vanish the Node on the Crea lessened, and the Cariosity on the Skul seemed disposed to Exfoliat, (for I had dressed it at certain times all along,) his Food was mostly Chicken Broth, or sometimes a Poached Egg, and his Drink was all this time Possit Ale. In a few Days more the Bone scaled, and Pieces came out each Dressing some; and one Dressing (especially) I took out with the Forceps, a very large Fragment, consisting of both Tables. At length all were come away, and I judged a Callus begun to shute from the Meditullium.

Then I put him into the Sudorific Course preparing him the Decoction of *Sarsa. & Guais.* and the other Antivenereal Diaphoretics as in the foregoing Memoir, in which Course he remained about a Fortnight: By this time the Node quite disappeared, and the Callus was generated, and the Carn grew over it; and by *Liniment. Arcei.* the Ulcer was healed, and at last Cicatrized with *Ungt. Turia,* and a Diapalma Implaster, so I breathed a Vein, and dismissed him Cured.

## MEMOIR XLIV.

*Siphilic Nodes, Gummata, Ulcers Phagadenic, Cured.*

A Man aged about 40 Years became my Patient, he was severely affected with Siphilic Ulcers in Throat and Tonsils, and had Gummata on his Arms and Shoulders, & Nodes on Head & Legs, with other Serpiginous breakings out on his Body. He had this Distemper 14 Months, and his Cure had been attempted by a Doctress Woman, and after that by an Empirick; but both fail'd in the Cure, the Man was much Emaciated, and had the Nocturnal Pains to a great Degree. However I began the Cure with Venæ Section, and an Enema that Night, in order to mitigate his Pains, as well as to prepare for a Purge the next Morning, which I accordingly gave him, it was to dispose the Humors for Salivation. The Purge was that of the infusion of *Senna* and *Rhubarb* with *Syr. Ros. Solutiv. cum Agaric.* ʒij in ʒ4 of the infusion. This wrought extraordinary well. The day following I gave him another, which operated effectually likewise.

And now judging the Body sufficiently prepared, I resolved to Salivate him with

*Turbith.*



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Turbith Mineral. *Rx. Turpetb. Miner. gr. xiiij. in Conf. Rosar. ʒi. misce.* This he took in the Morning, and a draught of warm Possit Ale after, as he did likewise between each motion (for it work'd abundantly.) upon this he began to Salivate, but not to that height I would have it: so (for a help) because I was not willing to punish him with another churlish Dose, I anointed the Soles of the Feet, and Palms of the Hands with the Salivating unguent, which raised it to what height I desired, which was about two Quarts a Day and Night.

And to obtund the Acies of the Turbith in the Bowels, I had Enemas Injected made of *Rad. Altheæ. Scind. & Lac. Vaccin.* These were exhibited warm and frequently: for which he spit the better.

Then I prepared this Gargarism to wash his mouth withal. *Rx. fol. Caprifolij Consolid. minor Betonica. ana Mi. Fragariae Mij. Flor. Ros. rub. Pug. ; Lign Santal. rub. Juniper. Ros. ana. ʒi. decoct in Aq. Hord. lbiiij. ad tert. part. Consumptionem. in Colature dissolve. Syr. de ros. Sicc. Diamor. ana. ʒiij. mel. angl. despumat. ʒij. Alumen. Roch. ʒij. f. gargarismus.* With this he gargled, and had his mouth washed with a Syringe frequently, and as warm as tollerable.

And the serpigoes on his body were bathed

F

with

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with some of the same with the addition of *Mel. Egyptiac. Parum.* and the Gummata or Nodes were stuped therewith.

This was used for a while but the Throat being exceedingly ulcerated and inflamed and the Tonsils Tumified, I was obliged to make my Gargarism stronger, so I prepared one thus. *R. Summitat. Rubi. linc. Cervin. Equiseti. fol. Plantag. Flor. Ros. Rub. ana. Mi. Coquant. in Aq. font. ad Colatur lbij. adde Mel. Angl. lbss. Alum. Roch. Zij. Iterum Sinant parum Bullire. despumat. f. Gargarism* to be Gargled and Syringed warm.

For all this the salivating grew languid, and I was obliged to give him another dose of *Turbith*, of *gr. xvi.* in *Tberiac Andromic. Zi.* which hightened it so, that it never flagged more until it had done the work: he lived on Chicken broth and Posit drink all this time, except now and then a poched Egg or other innocent thing, he had his Spitting Pot ready by him, and was kept warm in Bed, as is shewed in the foregoing Memoire, with a Linteolum rowled and held between his Teeth, and lay in such a posture that in case he should sleep, the Saliva might not run down his Throat, but be vented into the spitting pot; he drank very much warm Posit drink, and the more he drank the better he Salivated.

Thus

## *Chyrurgic Memoirs.* 29

Thus he continued for 23 days, from the taking of the first dose of Turbith, and his decumbiture; by which Time the Sluffs came out of his mouth and Throat, every Syringing some, until the ulcers were healed sound, and the Gummata and Nodes vanishes and the Serpignes shelled off.

Then I gave him the sweating Diet of Sarsa and Guaic. and the other Antivenereals as the former patient had Memoire 41. So the Spitting ceased of it self, and the foetid smell vanished and all ill symptoms disappeared, in about a fortnight more, and the man became perfectly well, only weak for some time after, but he kept drinking the Sarsa decoction much longer to prevent relaps.

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### MEMOIR XLV.

*A Syphilitic Inflammation of the Penis and Testicles cured.*

**A** Man having got a mischance came to me, with inflammation, and tumification of the Penis and Pricking in the Urethra with Ulcerations under the Prepuce, and excoriations on the scrotum; the Testes also swelled, and very painful: It was Venereal.

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I forthwith made *Sanguinis Missio*, to make Revulsion of the Virulent humour impacting in those parts.

Then I prepared this fomentation following. *Rx. Summit. ling. Cerv. Equisset. Rubi. stor. Ros. rub. ana. Mj. Coquant in Aq. font. ℥iiij Colatur adde mel. Com. ℥ss. Alumen. Roch. ʒij. Iterum Sinant Parum Bullire. despumatur.* With this I bathed the parts well and warm, and Syringed it into the Urethra, and then to wash the Ulcerations, I mixed *Egypticia gutt. aliquot* with some of this, and applied it also with lint: sometimes again I bathed the whole with *Vin. Rub.* as hot as could be suffered.

Then I applied to the parts this Cataplasma. *Rx. decoct. fol. Hyoscyami. medulla Tritic. Axung. Porc. ana. q. s. Coque ad Catapl. consist. adde Pulv. Ros. rub. Croc. ana. parum. vitell. unius Ovi. f. Catapl. applicetur,* this was kept on with a Bag Truss.

Then I purged the patient with this. *Rx. Pulv. Cornichinio ʒi. Calomel. gr. xv. in Electuar. Lenitiv. ʒss. misce.* This work'd exceeding well, and was repeated each other Morning for three times, but I mixed *Calomel ʒi* in each of the two other Doses.

I debarred him of all strong and capital Liquors, to which he was too much addicted, and I prepared the *Sarsa decoction* and ob-



obliged him to drink of that constantly, until he became well, to every draught thereof, I added *Spt. Sulphoris guttæ aliquot*; this was to sweeten the blood. I sweat him twice with the following. *R. Aq. Theriac. ʒi. ʒʒ. Syr. Croci. ʒʒʒ. Aq. Bezoartic. ʒvi. misce.* and once a week I purged him with *Decoctum Amarum. R. Summit Centaur. Flor. Chamom. ana. Pug.; Rad. gentian ʒʒʒ. Senna ʒij. Cera Cardui. ʒi. decoct. in aq. font. q. s.* it is to be drank at once. By the due repetition of these means this patient was cured in a little time.

MEMOIR XLVI.

*A Siphylitic Ulcer in the Tonsil, and Caries on the Os Palatum with an Ozæna.*

A Woman having an inveterat Siphylis, had her left Tonsil ulcerated, the Palatum-bone, Caries, and a foetid Ozæna, with other Siphilic Symptoms of this Turpid disease.

I began the cure with *Sanguinis Missio*, and purged her with an infusion of *Senna*. and *Rhabarb.* three days going to make preparation for Salivation, and because I would Sa-

livate her by Uction, I caused her to bath seven times in *Aq. Tepid*, to dispose the Pores to receive the Unguent : In order to which I gave her over night this. *Rx. Precipitat. Alb. gr. xxv. in a Bolus of Cons. Ros. ʒij.*

Next Morning I annointed her feet, legs, arms, shoulders, and spine with that of *Napopolitanum*, after which she had a draught of warm Possit drink, and was put to her warm Bed, having all things prepared for her Fluxing.

She gargled; and had her mouth Syringed, and likewise her nose with the following Lotion. *Rx. Flor. Ros. Caninae. ana Mij. Betonic. Caprifol. Prunel. ana. Mi. Flor. Ros. rub. P. Lign. Santal. rub. Junip. ras. ana. ʒi. decoct. in Aq. Hord. lbij. ad tert. part. Consumpt. Colature adde Syr. Ros. Sicc. diamor. mel. Angl. despumat. ana. ʒij. f. lotio.* this was used warm. And the Os Palatum being bare and foul, I frequently after gargling touched it with *flor. Egiptiac. cum Spt. Sulphor gutt aliquor*, to dispose it for exfoliation.

She was anointed at night again, and the morning following I caused her to do it with her own hands, and to chase a good quantity of the Ointment in (but cold) not warmed (for so the *Hydragryum* would seperate) but by thus using, it penetrated and mix'd with the blood, provoking it to ferment, and

the

the serum to ascend with the *Hydragrum*, whose natural faculty is to fly upward.

This filled the Chaps with the humor, causing them to swell, and the mouth to become sore, but the warm gargle mitigated, and prevents greater damage. She kept a bruised Liquorice stick between her teeth in her Salivating that it might come out the better, and so less ulcerat and inflame the mouth.

She drank plenty of Possit drink, and the more she drank, the more she spit, and had now and then a warm Enema of Mollows decocted in milk, to comfort the Bowels, & defend them from the acrimony of the *Hydragrum*.

She had beside the Possit-Ale, sometimes Chicken-broth to sustain her; And in fainting or languor, she had *Aq. Theriac.* or *vin. iuss.* for Cordial, and if she happened to get Cold and become loose, and so the Salivation grow languid, she had *Diascordium* given her to remedy it: Or, if it flagged of it self without these causes, then I anointed the soles of the feet, and palms of the hands with the Oyntment which freshened it again.

And all this time I minded the Ulcers in the Throat and the Ozæna, and Caries palat. with the gargle and drops as I mentioned before.

Thus

Thus she continued Salivating for 20 days about which time the Sluffs came away each time the Syringe was used, and the bone cast off, and the Ozæna healed, and the foetid smell vanished, and the bone cover'd with a carne.

But from the time the spitting ceased, she had the Sarsa Diet-Drink. *R. Cort. Guaic. ras. ℥iij. Sarsaperil. Scind. ℥ij. Sasafra. ras. ℥i. Rad. Chin. Glycyrrhæ. ana. 3ss. Corn. Cerv. ras. 3vi. Passæ. ℥ss. Aq. font. ℔xvi. infuse per noctem in olla Bene Claus. Mane Coque ad tert. part. Consumpt. Colat. Servit. ad usum dose ℔ss. mane et vesperti. & frequente in diem & noctem.*

I sweat her often with the other antivenereals. *R. Gum. Guaic. Antimo. Draporet. Mercur. Diaphor. Bezoard. miner. pulveriz. ana. gr. x. Confect. Alcherm. 3ss. Syr. Cariophyllor. q. s. misce f. Bolus.*

On intermitting days I purged her with the infusion of Senna and Rhubarb *℥iij Syr. Ros. cum Agaric. ℥i. misce.* this was done twice a week.

Now she eat Fowl, roast Mutton. Bisket, and other wholesome Diet until she was quite recovered.

#### *Postile.*

**A**Nd now to close these *Siphylis Memoirs*, it is not amiss if I intimate how the

Anti-



Antivenereals free the body of the Siphylic Poyson, We must know that *Hidragyrum* is the most powerful of all Medicines, and it has a vertue peculiar to it self which other Medicaments have not; and that is to cause Salivation.

But *Hidragyrum* in it self is equally inimical to the body (should it stay in) as is the Siphylic Venom, but accidentally it causeth such a ferment in the blood, as moveth nature to endeavour the excretion of both these its Enemies, for they both combine in the Humors, Poyson with Poyson, and the *Hidragyrum* being Dominator, draws the Siphylic Venom with it which way soever it takes, or is forced. It is of an aspiring quality, and evaporates upward, carrying the Siphilic poyson with it, and this poyson being in the blood, carrieth the infected Serum thereof along with it, the *Hidragyrum* having by its short stay in the body so disposed the blood as to expel its own infected part as a vehicle to export both its enemies.

Hence the poysoned Serum ascends up (gratifying the energical inducement of the *Hidragyrum*) and fills the Fauces and Salival vessels, which when they can contain no more, open and issue their Saliva with the *Hidragyrum* and Siphylic Venom out at the mouth. Hence it is that the Chaps Tumisie and the mouth becomes sore. F 5 But

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But if when the humor Siphylis is thus disposed, and I am willing to avoid Salivating, then by Purging I carry it downward, and so cure by the desultory Tergiversate way, using both means (vicissim) as the intention requires, and at length the deorsum manner only till this Cathartic course is accomplished; But which way soever the malign matter is expelled yet the Reliques of it that remain, are ever further spent by sweat, sweetning of the Blood through the Cuticulares, the strongest Antivenereal Sudorifics I have incerted in the foregoing Memoirs, whither I refer you, for the Salivating, nor sweating courses seldom cures either of them by it self, but both of the courses (bene ordinata) as seldom fails in curing, not only the Siphilis, but indeed other Contumacious Diseases likewise: as the *Scorbute*, *Schirrus*, *Tumors*, and *Sordid ulcers*, *Leprie*, *Scurf*, *Elephantiasis*, &c. The Ancients used this way of curing, as have likewise the best of the modern Chirurgeons.

I admire at those who pretend to cure this distemper (if confirmed) without the noble Alcahest de Hydragyro: I doubt at the same time they decry it, they use some preparation or other of it, I have found this the best way of Practise, and therefore I recommend it to you as such with due Circumspection.

M.E.

MEMOIR XLVII.

*A Callus Fistula in the Thigh, with Caries of the Bone.*

A Man aged about 23 years came to me having a Fistula in his Thigh, the Orifice was about the midst, but I found by search the bottom to be much higher at the Process called *Trochanter Major*, where it had its Origine, and there the Bone was Caries, and the Fistula was Callous. If I had not felt it Scabrose, yet I knew by the Foetid Smell that the Bone was foul.

I immediately thrust in my director, and with my Incision-Knife laid it open from the Orifice to the very bottom (but with due care as to any Tendon or Vessel that might lie in the way) knowing that I should never cure it without that Operation.

I applied next the Bone Dossels of *Stupa. Sicc. Subtilis.* and on them between the *Labiae Incisure.* I put Dossels armed with *Pulv. Galeni*, to stop the Bleeding. So applied a Compress expressed out of *Acetum*, and bound it up for this time, and made *Vene Section.*

The Occasion of this was a fall, whereby the part was bruised, which by humours Co-acervating

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acervating therein Tumified it, and at last broke out in a Fistula, having first Turpified the Trochanter.

Had it come from a Cacochymious body I must either have consulted the Physitian, or have used inward means my self, but the man was otherwise of a healthful Constitution. The next dressing I applied to the Bone this Ossific powder: *R. Pul. Rad. Irid. Florent. Aristoloch. Rotund. ana. 3ss. Mybrr. Elect. Euphorb. ana. 3i. misce.* This by its exceeding Siccity contributes much to the Scaling of the Bone. I dipt my Dossels of *Stup. Subtil.* in this and imposed them, having first washed it with warm *Tinctura de Myrrb* and *Aloe cum mel. Egyptiac. gutt. aliquot misc.* and and on the Calosity (altho<sup>2</sup> it was incised) yet I sprinkled *Pulvis Precipit rub.* to erode it quite away, and likewise it induced the better digestion; Then on this I applied *Liment. arcei & Basilicum* mixed into the *Labiæ Infixura*, and over all, an Emplaster of *Diapalma* Tempered with *Ol. Ros. Gutt. aliquot*, this as a difensative, so made decent *Compress* and *Bandage*.

I let this abide on two days, then opening it, I found good digestion in the Labiæ, and the Callus Sluff was brought away which the Precipitat had prepared, and now the Wound was wide enough for the scales to  
come



come fourth when nature should thrust them off by a Supplimental Substance within the bone.

Thus I kept dressing of it once a day, till such time as the Bone Exfoliated, at what time there was more pricking pain than at other times, but in a weeks time this was over, and the foetid smell that had been all along from the putrified Bone now vanished, and the Bone covered over with a sound Carn (for the Periostium once rotted away, a new one doth not generate, but a fleshy Substance in its place, which adheres fast to the Bone.)

As soon as the Scales were come away I left off the Ossific Powder, and applied to the Bone, only a Dossil of Lint, expressed out of *Tinctura de Myrrhæ*, and the Balsum of *Bisilicon* and *Liniment. Arcei* mixt, was used to the *Labiæ Vulneris*, on Pledgets, and the above mentioned Emplaster over all, with proper Compress and Bandage. By these means this Callus, Ulcer, and Caries Bone became Cured in due time, it Cicatrized with a common Epulotic. (*viz.*) *Ungt. Tutia.*

## M E M O I R XLVIII.

*A Sordid Ulcer on the Leg, Cured.*

**A** Woman of about 40 Years of Age, had a Large Sordid Ulcer on the outside the Leg, near the Ankle. It was Inflamed about, and a Thick Sordes, it had within. (I suppose from undue Medicines, which had been used to it,) she was in extreme Pain with it, but notwithstanding this, I dip't a Dossel of Lint in *Pulv. precipitat. Rub.* and applied to the Bottom of it, and as far as it was Sordid, and on that a Pledget of *Basilicum* as warm as tollerable: Then I mixed a Lipara; (being an Emplaster of a Harder consistence was not so convenient.) It was this: *R<sup>x</sup> Diapalma ʒij. Ungt. Alb. ʒvj. Sacch. Saturn. ʒij. Misce.* This was spread thick on a Large Sindon, and wrapped round the Leg, as far as the Inflammation Extended. You must think there was severe smarting for a Time, but it lasted not long: I order'd her to keep it quiet upon a Pillow, and neither to go on it, nor hang it down.

And now being she was but of an ill Habit of Body, I Purged her as follows. *R<sup>x</sup> Elect. Lenitiv. ʒi Crem. Tart. ʒi. Calomel. ʒi. Misce.* I repeated this twice a Week, whilst she

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the was Cureing, and it greatly contributed to the Cure.

I let this dressing abide on 48 Hours, because I would have the Precipitat to accomplish the thing I intended it for: That is to bring off the Sordid Sluff, which it effectually did, when I took off the Dressing the Sluff come away, being a Crass Sordes, which loosened, and was taken out with Lint on the End of the Probe, and there was laudable digestion under it, and when washed; the Ulcer looked much better, and by this time the Inflammation which was before, and also that caused by the Powder at first, was in a great Measure abated by the *Lipara*, how ever I sprinkled a little precipitate, on places where any reliques of the Sordes remained, and so dressed it up with the Balsam and *Lipara* as before. This was remainning on but 24 Hours, and then being taken off; the Sordes come all wholly away, and the Ulcer look'd as red as it had been a new Wound, and digested kindly.

The next Day, (for now I dressed it every Day,) with the Basilicon it self, without the Corrosive Powder, but still the same *Lipara*.

So the Day following I found the Inflammation quite off, and the Tumor which was before asswaged, and the Ulcer incarning  
to

to satisfaction, so that in a few dressings more it was filled with Carn, and then Cicatrized with *ungt. Tutia.* and an Emplaster of *de Minio.* over it, so I let her Blood and dismiss her.

## MEMOIR XLIX.

*An inveterate Ulcer, above the inner Ankle cured.*

**A**N ancient Man having by a Defluxi. on of Humors, an inveterate Ulcer on the Tibia above the inner Ankle, came to me for help, it had great Tumor and Inflammation about it, and was very painful: I first made *Sanguinis Missio.* Then purged first with the Infusion of *Senna & Ruburb.* to *℥iiij.* of which, I added *Syr. Ros. Cum. Agaric. ℥i. f. haust.* Three Days after I purged him again with this, *R. Electuar. Cario-cost. ℥ss. Calomel. ℥i. Misce. f. Bol.* this latter he had often in time of cure, else it would have been hard to effect the Healing, I forbid him strong Drink especially Brandy; which he was much addicted unto, and ordered him to drink only Small Beer, and eat fresh and wholesome Diet.

I used to the Ulcer this, *R. Cervisia. valida.*



*lida. lb. Coque super lente Ignem ad tert. Part. Consumpt. servit. ad usum.* I washed the Ulcer with it, and dipt Dossels in it, and applied them into the Capacity thereof, and over all, the *Lipara*, as discribed in the foregoing Memoire.

This Balsom smarts a little at first, but 'tis soon over, and heals Ulcers effectually, it both cleanseth and incarns, and the *Lipara* checkt the Inflammation and Tumor, and mitigated the Pain; I caused him to keep up his Foot on a Pillow and not hang it down, much less to go upon it, until well, nothing contributes more to the Healing of Ulcers, in a Depending part, (as the Leg is) then constant resting of it.

By these means, without any other help, except convenient Bondage, this cure was performed.

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## MEMOIR L.

### *An Ulcer on the Crea, cured.*

**A** Young Man falling over a Peice of Timber, had his Shin sorely hurt, and bruised, so that the Skin and Flesh was stript off the Bone, for a Large space; and by Chyrurgery was now Ulcerated and much  
In-

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Inflamed, and the Humors still discending down unto it, whereby it became exceeding Tumified and painful.

I let him Blood immediately, in order to make something of derivation of the Humors from the Part. Then I dressed the Ulcer with this, *R. Bassilicon ℥i. Ol. Cerae. ℥ij. Misce.* This I apply'd on dossels as warm as tolerable, after I had stuped it, with warm Wine.

Then I prepared the *Lipara*, as in the foregoing Memoire, at 48, and laid it on round about the Part, and a good breadth above it, to defend from a Defluxion of Humors, as also below it, so I ordered him to keep it up upon a Pillow, and give it true Rest, so by the often dressing of it thus, and giving of it ease, the Inflammation, Tumor and Pain, ceased and the Ulcer healed, and was Ciccatrized with a Pledget of *Ungt. Tutie* and a *de minio* Emplaster to Conserve it.

## MEMOIR LI.

### *A Sprained Ankle Cured.*

**A**N Elderly Woman by a sudden wrinch sprained her Ankle sadly, so that there was great Inflammation and Tumor, and an Echymosis from the obtorted Fibra.

I could not perceive it to be out of joint, therefore to mitigate the excessive Pain, I bathed the Place it self well with warm *Sp. Vini.* and above the part, as also beneath I Embrochated with this; *R. Alb. Unius Ovi. Acet. Vini. ℥ss. Ol. Chamo ʒi. Misce.* to restrain the deflux of humours.

Then to Discuss the Echymosis, I prepar'd *Hypocrates Cataplasma*; *R. Farin. Hord. Fabar ana. ʒij. Ol. Myrtil. Rosar. ana. ʒi. Pulv. Flor. Rosar. rub. Balaust. Bacc. Myrtil. ana. ʒij. de-coct. in Acet. Vini. q. s. ad consistam Cataplas-matis applicetur & repetatur Sæpius.* so I made *Veno Section*, which was necessary in this case, and caused her to place her foot on a Pillow, and give it rest, by which means she was in a short time cured.

## MEMOIR LI.

### *A Burn by Fire Cured.*

**A** Man by accident had the side of his Face and neck sorely Burned by Fire, I was sent for unto him, and immediately I snipt the Vesculæ, and let out the scalding Humor, then used this; *R. Crem. Lactis ℥ss. Aq. plantag. ʒ4. Alb. unius Ovi. Sacchar. Saturni gr. x. misce.* with this I stuped the  
Am-

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Ambuſtion all over, as alſo a good bredth of the parts about it, to prevent more humours falling to it, and to eaſe the intollerable inflammation; then to the weeping ulcerations where the Epidermis was excoriated, I applied ſmall Linteolas armed with the following *R. Ungt. Roſat. 34. Ol. Myrtil 3i. Sacchar Saturn gr. xv. miſce.* I ſpread of the ſame on a large Sindon, and applied it ſmoothly over all, only the places burnt to Eſcars.

Theſe I embrocated with this; *R. mel. Anglica. ſucc. Cepar. ana. 3ij. Pulv. Irid. 3ij. miſce.* after this I dreſſed theſe Eſcars with the following, *R. mel. Sapon Ungt. Nutrit. ana. 3ij. Sacchar. Saturn. gr. 15 miſce.* This was applied with Linteolas and pinned lightly on, for theſe ſores muſt not be bound with Rowlers, he was let blood twice, and had Enemas exhibited, and a Hordia Pryſan to drink, and freſh and ſpare Diet; and all to prevent a Fever, by the often repetition of theſe means the ſores became well, and the Eſchars Caſt off. Then they were Embrocated with *Ungt. Tutia Parum & Ol. Amigdalor Dulc. gut. aliquot miſce.* by which they Cicatrized.

The beſt way to annoint Burns, is to do it with a Feather dipt in the Medicine, and lightly Stroked on the parts effected.



## MEMOIR LIII.

*A Scald with boyling Water Cured.*

A Woman had one of her Hands extremely Scalded, by a Pot of boyling Water falling upon it, it vesiculated presently, and was intollerably Inflamed, and painful: I was fetcht unto her, and found her in a Lamentable condition crying and restless. I instantly snipt the Vesiculas and let out the scalding Lympha. then I bathed the Hand well in *Nivita*, that I usually kept by me in good quantity for that end; and for violent Inflammations, it hath been in great esteem by the Ancients on this account, and by the dilligent Application of it for a quarter of an Hour, it caused that no more Vesiculæ did arise, only what had been before. If I had not had this, I must have had recourse to, *Aq. plantag. Rosar. & Lac. Vaccin. ana. Troch. alb. Rbas Parum Misce.* Which I have found to be the next best, focus in this Case, Then I armed fine Sindons with the following. *R. Ol. Sambuc. ℥iiij. Cera. ℥ij Ungt. Alb. campb. ℥i. Album unius Ovi. Misce.* This not only mitigated the Inflammation, but likewise healed the Superficial excoriations.

But those Ulcerations that were more deep through the Cutis, required digestion,

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to which end I prepared this; *R. Tereb. Cyper. ʒij. in aq. Rosar. Lot. Vnel. unius Ovi. Ol. Amigd. Dule. ʒij. Farin Hord. Cribrat. subtilissima q. s. misce.* This Balsum digested the Ulcers effectually, and after they were incarnated with *Diapompholigas & Liniment. arcei.* mixt, and at length Cicatrized with *Ungt. Tutia.* I was obliged to wrap the Fingers each apart with fine Linteolus spread with the Balsum to keep them from growing together; The Patient was let blood often, and had Enemas administered frequently, and the same regulation and Diet, as in the foregoing Memoire.

### MEMOIR LIV.

*An Amputation above the Genu in the Heat of Battle.*

**A** Man having his Leg shattered to peices by a brace of Musket Bullets from the Enemy (it was at *Tangier*) and so nigh the Joint of the Knee that there was no room to defect there, therefore to save the Man's Life, I amputed above the Genu, and better done now in time of Fight whilst the Blood is hot, and there is Strength; then afterward when Fever or other ill symptoms are come on.

I had always my apparatus and first intentions ready (at such a time as this) knowing there would be occasion for them.

As these ; round Stups of fine Tow narrower, and broader for the end of the Stump, these were wet in aceturum, and dried again to be kept for use ; some made like Splenia, to be placed about the sides of the Stump ; Secundum Longitudinem Buttons also made of the same for the ends of the great Arteries, Cross Bolsters ; and Bladders ready to wet, and draw on, Linnen Rowlers, double headed and single, some longer, others shorter, dismembri<sup>ng</sup> Needles ready armed and Cered, and small Needles and Thread to tack on the Bandage, large Tape for Ligation, and narrower for other occasions, Cautrizing Buttons ready in the fire, Dismembri<sup>ng</sup> Saw, and Catling, Dossels of *Struthia Sicca* for the end of the Bone.

*Pulv. Restrings*, and the Restrictive mixture (at this time) ready prepared, 'tis this that I used. *Rx. Pulv. Galen. Pil. leporin. Alb. Ov. Aq. Stipt. Royal ana. q. s. misce.*

But as to the work it self ; Having given the man a Cordial to keep up his Spirits, I placed him on a convenient seat, and an Assistance behind him to hold him fast, and another before him, to hold up the end of the part, That Assistant behind (being a strong

strong man) I caused him to gripe the thigh above with both his hands and to Pull upward, the Muscles as tort as possible, at what time I took two turns with the Ligation very streight, and fastened it; it was about three Inches above the place I designed to defect.

Then with the Dismembring Knife, made two deep incisures to the very Bone with a quick turn of my Hand, the one on the inside, and the other on the outside answering one another as evenly as possible round the Part, at what time the Griper pulled up the Musculous Flesh strongly, and with the back of the catling, I raised up the Periostium that it should not impede the Saw, nor cause pain extraordinary in the Operation, (so the Bone being clear) with my Saw I took it off at few motions, and the seperated Part was thrown into a Vessel of Water that stood by; I placed under the Part a Pan of Ashes, to receive the Blood in amputating.

Then I took the Cautrizing Button which was made red hot, and touched the ends of the large Arteries, to stop the bleeding, so clapt a dry Dossel of *Stupa Subtilis* to the end of the Bone, to defend it from gleet and keep in the Marrow. Then I strewed Restrington Powder on the *Labia*

*Vulneris*



*Vulneries*, and caused the Griper to thrust down the Muscles with his Hands, as far over the end of the Bone as possible, so I took the Cross stitch, thus.

I past one of my Needles, (entering it on the outside) through the *Cutis* and Muscularous Flesh, about half an Inch from the Edge, and then through the contrary side from within outward, drawing the doubled Thread about half way through, the same I did with the other Needle right cross this, then cutting off the Needles, I drew the Threads as tort as convenient, and fastened them with Buttons of Tow at each end which holds better then to tye them Cross.

Here was no need of Buttons to the extremities of the Arteries, because they had the actual Cantery, but now I applied an Armed Pledget of the restrictive mixture to the stump, and let go the ligature, and another large one over that expressed out of *Acetum*.

Then the *Splenia* made pliable by moistening them in *Acetum* as the Pledgets were, these were placed about an Inch each from other decently, *Secundum Longitudinem Partis*, one end about the middle of the Stump, and the other extending up the Thigh, and on these over the end of the Stump, an Ox Bladder wet was halled on tort, and the cross Bolster halled tort on that,

then a broad single Rowler was led two turns about the edge of the Stump, fastening this Boulster, Bladder, and the Pledgets and Spleniæ under it, and on this a large double Rouler was applied, beginning in the middle of the stump, and rolling Cross-wise up the thigh, and fastened about the Waste, this dressing was let abide on three days: then I took it off with great diligence lest the Stump should bleed again, at what time I had ready a Pledget of *Stupæ Siccae* to apply to the bone, and strewed restraining powder on the wound, and now had made ready my Digestive, it was this, *R. Tereb. Scio in aq. Hord. lot. ʒiij. Ol. Lumbric. ʒiss. Gum. Elem. in Ol. Predict. dissol. ʒss. far. Hord Cibrat. vitel. unius Ovi. Croc. Pulver. ʒi. misce.* This was applied to the Wound, and so it was bound up, and this remained on two days. Then I took off the dressing and cut out the stitches, (for it began to digest kindly.)

This man had the diet and regiment as the wounded in the first Memoire, and had Enemas and Phlebotomy as oft as necessary. Thus he was dressed every day (for this was taken off the next day) until there was occasion for deterging, so I used this of the Ancients; *R. Tereb. in Spt. Vin. lot. ʒiij. Pulv. Irid. Aristoloch. rotund. ana. ʒi. Sarcocol. Thur. ana ʒij. mel. Rosat q. s. misce f. Balsum.* when

when I dressed with this the Sluff came away and left the stump red as a cherry, and after a few dressings, the bone exfoliated (for still dry lint was kept to that) when that was over I left off the dry dossel, for the Callus was shuted and cast off the Scales, so I dressed it only with *Liniment arcei & Basilicon* mixt, to incarn and embrocate the part with *Ol. Cham. & Ros.* and at length I used *Diapompholig.* to sarcotize faster, and at last cicatrized it with *Ungt. Tutia* (my usual Epulotic;) and an Implaster of *Diapalma* over it. I used a warm stupe to it, expressed out of Wine, each Dressing, from the time it begun to Digest, until it was Incarned, not only to wash off the Sords, but also to Foment the Part, and contribute to its Healing.

I might have inserted several more Memoirs, but I have treated amply of the Cures they Concern, in my former Tracts, to which I refer you.

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*Fluor Enifus.*

**T**His is an involuntary flowing of the Semen (*per Pudenda*) which if it come by any external Violence to the Back, it is properly a running of the Reins (but then it hath Blood mixed with it, that Descends thro' the *Vasa Preparentia*) which, among

other Parts are hurt. But more frequently this is acquired by Clinople over straining, or urgent endeavouring beyond Strength in the Act of Coition, which weakens the Genital Parts, and depraves their retentive Faculty, and then the Semen alone continually issues forth from the Parastatae or Vasa Seminales besides the Vasa Deferentia ascend not higher then a little, within the Cavity of the Abdomen.

But this Fluor is not virulent, except by long continuance it becomes Viciate; 'tis called a strain. To cure which, R. Terreb. Chio. ʒij. Pulv. Bacc. Laur. ʒij. Electuar. Limitiv. ʒi. misce. f. Bol. sumat. multo mane. Repeat this every third Day whilst occasion requires, and at Night going to Bed exhibit the following Laud. Liquid. gut. xxx. Syr. Papav. rub. ʒi. Vin. Rubr. Generos. Cyathus. on the other Days especially, if it come by a Bruise, administer the following, R. Aq. Ros. Palid. ʒij. Pulv. Sal. Prunel. ʒvi. dissolv. deinde adde sal. Corn. Cerv. Volatile. ʒii. Campb. ʒi. Spt. Vin. rect. ʒiij. f. Julep. Of this give three Spoonfuls at a time, four times a Day, (the Purging Days excepted) and Anoint the Regin of the Loyns with the following R. Ol. Saccin. ʒ4. Butyrum Saturni. ʒi. Camphir. ʒi. Misce. f. Enchrifa. Use it Mornings and Nights.

Flu-



*Fluida Cruor.*

**T**His is a flowing of Blood together with the Urin, when some Violent fall or blow hath hurt the Reins, the Blood Descends through the Ureters into the Bladder, whence it is emitted at what times the Patient makes Water, which is more red, or pale according as the hurt of the Reins was greater or lesser.

To Cure, do this: *Rx. Bezoar. Min. Gr. 12. Antimo. Diaphoret. ʒi. Tereb. Cbio. ʒi. misce. f. Bol. Capiat. singuli diebus mane.* Then at Night, give the following *Rx. Laud. Specific. gr. iij. Aq. Bezoartic. ʒij. Syr. Symplit. ʒi. aq. Papaver ʒiij misce. f. Cordial.*

The Cordial Julep described in the Fluor Enisus is excellent here, to be taken every Day as often as in that Distemper. If it be tender Persons or Children, exhibit this, *Rx. Syr. Agrimo. ʒij. Aq. Bezoartic, ʒij. Vin Rubr. Cyathus. misce. Bibat. mane & Vesper.* If Juice of Agimony can be had, three spoonfuls at a time of that, Mornings and Evenings, doth this Cure of it self. But let the Reins be embrocated twice a Day with the Enchrissa inserted in the Flour Enisus foregoing.

But the greatest and surest Medicine of all is that of the infusion of *Terræ Japoniæ* in *Aq. Font.* Wine, Ale or Beer, you cannot err in the Dose, and if you add *Syr. Paver.*

3i. in each Dose, it will be still better.

Among the various disasters incident to the body of man, those of the Bones and Joynts merit a special consideration, the former being the most *Materia Solida*, of the humane structure, and the latter formed to accomodate their motions; For as Nature ( *Ratio Divina* ) hath indued the Muscles with ability (by their tendons incerted into the Bones) irresistably to move the Members which way soever a man will, eth, and as quick, or slow, or often as a man will, and as the Cartilages adhering to the extremities of the moveable bones have their lubric surface to facilitate the turning of the Bones; So also have the Articles their Idoneous form to accomodate the Bones in their motions, and consequently the bodily Members to perform their actions.

But the Joynts are liable of suffering sundry accidents, one of which (and not the least) I will treat of here, the rest I have already treated of in my *Chyrurgus Marinus*

### *Distortio Vertebrae.*

**T**HIS is not a displacing of the Bone or Cartilage nor yet a fracture of either, but it is a violent Wrinch or Sprain of a Joynt whereby the *Artropia, vel Artuus*, ligaments and tendons which fasten the Bones

Bones together, are oborted or wrested beyond their natural order, together with the adjacent Muscles; causing intollerable Pain and Weakness to the part, as if the Bone were luxated or fractured. Men commonly get this disaster by over lifting or bearing some insupportable weight, and sometimes by a sudden undue Motion of the Body, how many have acquired this mischance of a Sprained back, the anguish or (at least) the weakness thereof hath accompanied them to their death, especially if the *Lumborum Musculi interni* be distended the lower vertebra of the 5 lumbal, next joyning to the *Os sacrum* is that which usually suffers this accident, and of that part doth the patient complain.

If it be but a sleight sprain it sometimes goes away of it self by rest and keeping warm, at least by bathing it with warm Brandy, and applying an Uction *Ol. Chamomil*, and a Searcloth of *Oxicroceum* and *Paracelsus*, but greater distortions in this part require more powerful remedies, my way is this, considering three distinct purposes come immediately in view, first to mitigate the pain, secondly to impede an influx, and thirdly to strengthen the part, from hence I take the following Course: First I Stupe the Part well with warm Wine and Spirit of Wine mixt, then I embrocate the Part with  
*Ol.*

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*Ol. Ros. & Chamo.* mixt and warm, and when this has been chaffed well in, I applied the mixture following: *R. Resin. pin. Cera. Flav. ana. ʒij. Ol. Ros. Omb. ʒiij. dissolv. ad ignem adde Farin. Fabar. Pulv. Bol. ver. ana. ʒi. Acet. Vin. q. s misce.* extend and apply moderately warm, and make Bandage with a broad sweath after this Breathe a Vein which is necessary in this case, then give the Patient this Cordial suderific, and put him to rest and take a breathing sweat, *R. Aqu. Theriac. ʒi. ss. Syr. Carioph. ʒi.* mix in a glass of muld Sack. Let the outward application remain on two days, then remove it and apply another of the same after annointing as before, you will scarcely need the inward means any more, but when you take it off two days aser, then annoint again, and apply the following Cerat; *R. Empl. Paracels. ʒij. Diapalma ʒi. Cera. Flav. ʒss. ad ignem dissolv. mcsce. f. Cerat. extend. super Alutem apl.* let this abide on to the perfection of the cure.

As to the distortions of the Joints of the of the limbs, they require the very same treatment with this as to externals and Phlebotomy, but the internals may be omitted, but note, that all Wrinches and Obtorsements whatever, require rest and ease, especially those in the Joynts of the Limbs.

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F I N I S.